



MENNEKES®

Plugs for the world



UK / IRL

Brand commitment



Excellent
brand quality.
Innovation.
Absolute
reliability.

"I only use professional products, on which I can rely, even under the toughest conditions."

 **MENNEKES®**
Plugs for the world

Service

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Service

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Sockets

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Plugs and connectors

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Combination units

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Special plugs and sockets,
accessories

Contact persons at MENNEKES in UK

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Management Team



Chris Stockdale

Managing Director
Tel. 01689 881600
Fax 01689 833378
E-Mail christopher.stockdale@mennekes.co.uk



Andrea Garte

Director International Sales
Tel. 01689 833522
Fax 01689 833378
E-Mail andrea.garte@mennekes.de



Melvin Johnson

Works Manager
Tel. 01689 881603
Fax 01689 833378
E-Mail mel.johnson@mennekes.co.uk



Simon Clarke

Deputy Works Manager
Tel. 01689 833522
Fax 01689 833378
E-Mail simon.clarke@mennekes.co.uk

Sales Office Team



Sheila Carpenter

Marketing and Sales
Tel. 01689 881602
Fax 01689 833378
E-Mail sheilacarpenter@mennekes.co.uk



Roy Choules

Technical Sales
Tel. 01689 833522
Fax 01689 833378
E-Mail roy.choules@mennekes.co.uk



Russell Massey

Sales Co-ordinator
Tel. 01689 833522
Fax 01689 833378
E-Mail russell.massey@mennekes.co.uk

Regional Sales Engineers

North and Scotland



Daniel Main

Sales Engineer
Mobile 07950 394015
Fax 01689 833378
E-Mail daniel.main@mennekes.co.uk

North, Wales and Northern Ireland



Shaun Tomlinson

Sales Engineer
Mobile 07793 220931
Fax 01689 833378
E-Mail shaun.tomlinson@mennekes.co.uk

Midlands



Ian Whitby-Smith

Sales Engineer
Mobile 07711 054819
Fax 01689 833378
E-Mail ian.whitby-smith@mennekes.co.uk

South



Andrew Bax

Sales Engineer
Mobile 07985 260180
Fax 01689 833378
E-Mail andrew.bax@mennekes.co.uk

Regions



Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

“Our brand is a promise.”

Christopher Mennekes,
Managing Director (CEO)

Quality,
reliability,
innovation,
marketability,
sustainability.



Unmistakable



Kirchhundem headquarters

For 75 years the MENNEKES name has been the byword for unmistakable products in the markets of the world.

Every expert and end user in the electrical industry knows: Only those products which have the MENNEKES brand name on, contain MENNEKES quality.

We give you a promise of quality and service. This promise is one of the main reasons why our family-owned company has a brand which is irreplaceable. We live our brand and feel obliged to it. You can rely on MENNEKES. This is and remains the driving force of our 900 employees worldwide. It is through their daily dedication where they

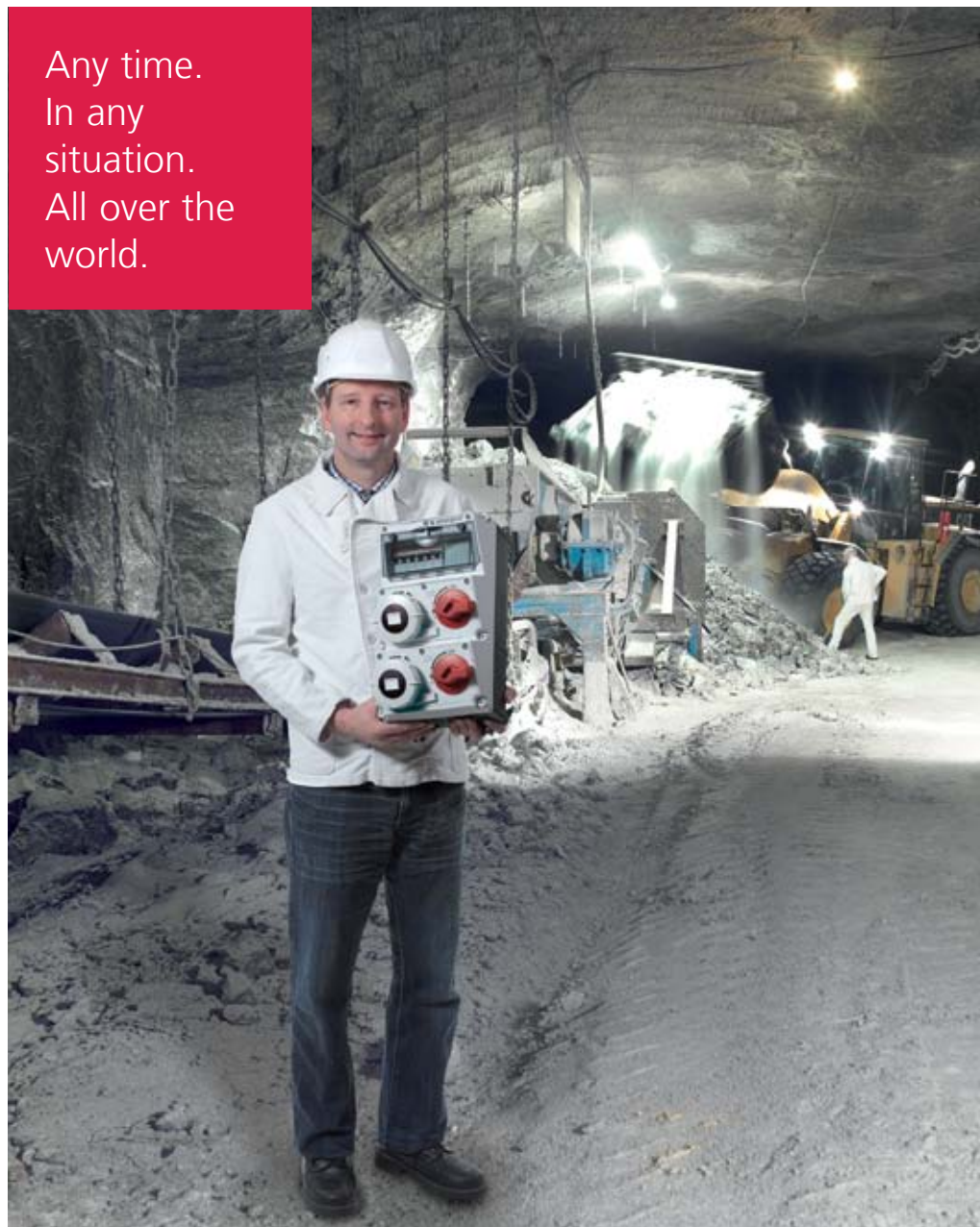
prove their commitment to the MENNEKES brand, whether it is in Germany, in Great Britain or in any other part of the world.

Highest quality, reliability, safety, power of innovation, marketability and sustainability of our action form our brand.

We have a clear identity which makes MENNEKES the ideal partner for you, our customers and the end user, being a reliable supplier of an irreplaceable brand.

Endurance test

Any time.
In any
situation.
All over the
world.



When a MENNEKES product leaves our works, it has already survived the harshest testing. In our test lab it is exposed to cold, heat, dust and water over and over again. Only the products that withstand these tests are worthy of the name MENNEKES.

As a specialist for plug and socket devices, we have our own approved test lab where our products are tested again and again. As long as it takes, until we are convinced that they can permanently withstand the harshest requirements of the everyday working environment.

Our products are of course certified to national and international standards by renowned institutions. Like the MENNEKES company itself: Our international quality management system is certified to DIN EN ISO 9001.

Only the combination of first-class raw materials and advanced manufacturing processes guarantees a premium product. This is why we use only first-grade granules which are processed by a highly skilled workforce in state-of-the-art production facilities to create certified MENNEKES products.



Internationally
recognized
and certified.



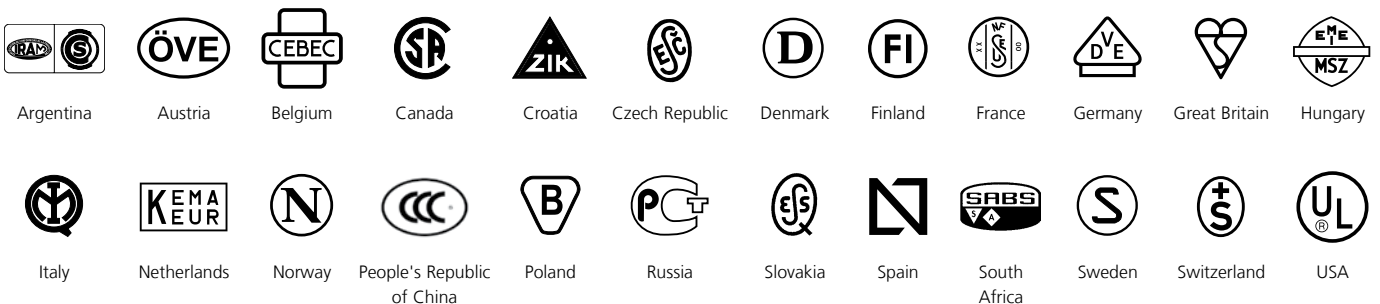
MENNEKES plugs and sockets are well known all over the world – and comply with the relevant national and international standards.

More than half of our products are destined for international markets. This is why MENNEKES also has a global presence, with subsidiaries and agencies in more than 90 countries.

Our plugs and sockets are tested by independent test authorities, e.g. the VDE Testing and Certification institute or other national Testing and Certification institutes.

They then serve as the basis for approvals in other countries, such as those whose national test marks are shown below.

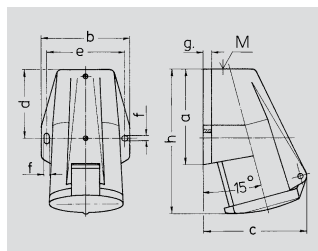
(For plugs and sockets for the USA and Canada please refer to the information in separate USA catalogue.)



Drawings and dimensions

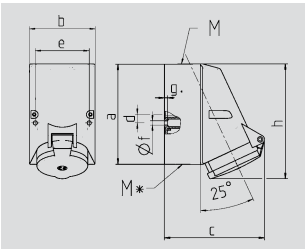
The sizes for the entries on the drawings can be different to the real existing entry sizes.
Subject to modification and amendments without prior notice. Errors and omissions excepted.

Page 22 fig. 1



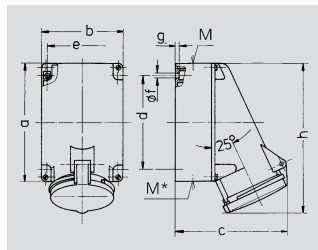
Drawing	Amp.	16			32		
1 MB 205	Poles	3	4	5	3	4	5
Dim. in mm	a	91	91	91	102	102	102
	b	73	79	87	89	89	94
	c	86	93	99	108	108	114
	d	55	55	56,4	62	62	62
	e	62	68	76	77,5	77,5	84
	f	5,3	5,3	5,3	5,3	5,3	5,3
	g	8	8	9	10	10	10
	h	132	132	132	153	153	153
	M	20	25	25	25	25	32
Max. cable diam. (mm)		13	18	18	18	18	25
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Page 22 fig. 2 (32A) / page 23 fig. 3 / page 76 fig. 1



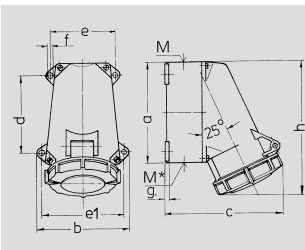
Drawing	Amp.	16			32		
1 MB 43 257	Poles	4	5/7	3	4	5/7	
Dim. in mm	a	128	128	128	128	128	128
	b	84	84	84	84	84	84
	c	122	124	136	136	138	
	d	11	11	11	11	11	
	e	68	68	68	68	68	
	f	5,3	5,3	5,3	5,3	5,3	
	g	4	4	4	4	4	
	h	144	145	158	158	160	
	M	25	25	32	32	32	
	M*	2x25 (blind) to be cut out			2x25 (blind) to be cut out		
Max. cable diam. (mm)		18	18	18/25	18/25	18/25	
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	2,5	2,5	2,5	
		-4	-4	-10	-10	-10	

Page 22 fig. 3



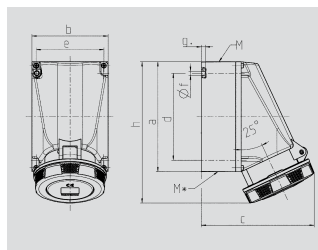
Drawing	Amp.	63		
1 MB 213	Poles	3	4	5
Dim. in mm	a	170	170	170
	b	118	118	118
	c	164	164	164
	d	134,5	134,5	134,5
	e	103	103	103
	f	6,1	6,1	6,1
	g	6	6	6
	h	216	216	216
	M	40	40	40
	M*	2xM40 (blind) to be cut out		
Max. cable diam. (mm)		32	32	32
Terminal for cond. cross section (mm²) min.-max.		6	6	6
		-25	-25	-25

Page 22 fig. 4 / page 23 fig. 4 / page 29 fig. 1 / page 72 fig. 1 / page 76 fig. 2



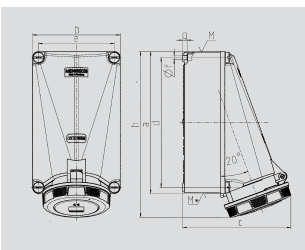
Drawing	Amp.	16			32		
1 MB 219 406	Poles	3	4	5/7	3	4	5/7
Dim. in mm	a	95	95	95	120	120	120
	b	102	102	102	112	112	112
	c	115	124	129	143	143	150
	d	64,2	64,2	64,2	90,2	90,2	90,2
	e	77,5	77,5	77,5	79	79	79
	f	88	88	88	98,5	98,5	98,5
	g	5,5	5,5	5,5	5,5	5,5	5,5
	h	128	128	132	160	160	160
	M	25	25	25	32	32	32
	M*	2x25 (blind) to be cut out			2x25 (blind) to be cut out		
Max. cable diam. (mm)		15	18	18	25	25	25
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Page 22 fig. 5 / page 29 fig. 2



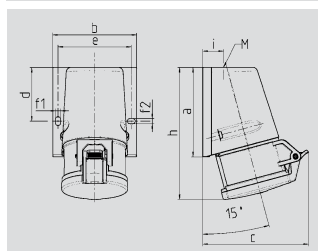
Drawing	Amp.	63		
1 MB 112	Poles	3	4	5
Dim. in mm	a	170	170	170
	b	118	118	118
	c	175	175	175
	d	134,5	134,5	134,5
	e	103	103	103
	f	6,1	6,1	6,1
	g	6	6	6
	h	219	219	219
	M	40	40	40
	M*	2xM40 (blind) to be cut out		
Max. cable diam. (mm)		27	27	27
Terminal for cond. cross section (mm²) min.-max.		6	6	6
		-25	-25	-25

Page 22 fig. 6



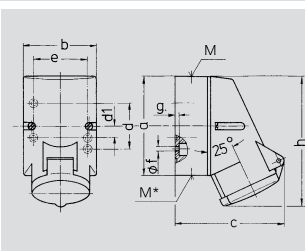
Drawing	Amp.	125		
1 MB 162	Poles	4	5	
Dim. in mm	a	264	264	
	b	163	163	
	c	200	200	
	d	240	240	
	e	140	140	
	f	8,1	8,1	
	g	8	8	
	h	306	306	
	M	50	50	
	M*	2x50		
Max. cable diam. (mm)		38	38	
Terminal for cond. cross section (mm²) min.-max.		25	25	
		-35	-35	

Page 23 fig. 1 / page 85 fig. 1



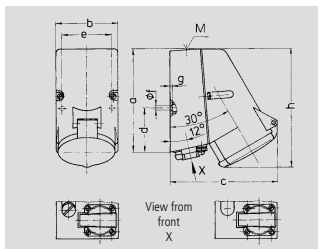
Drawing	Amp.	16			32		
1 MB 463	Poles	3	4	5	3	4	5
Dim. in mm	a	95	93	92,5	102	102	102
	b	73,5	87,5	87,5	94	94	94
	c	93	107,5	110	115,5	115,5	119,5
	d	55,5	55,5	55,5	62	62	62
	e	61	76	76	84	84	84
	f1	5,3	5,3	5,3	5,1	5,1	5,1
	f2	5,3	5,3	5,3	5,1	5,1	5,1
	h	139	139	136,5	160	160	156,5
	i	19,8	21,5	21,5	26,5	26,5	26,5
	M	M20x	M25x	M25x	M32x	M32x	M32x
	M	1,5	1,5	1,5	1,5	1,5	1,5
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Page 22 fig. 2 (16A) / page 23 fig. 2



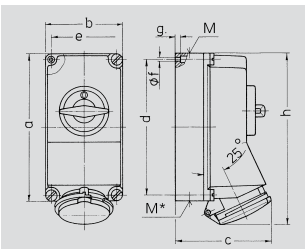
Drawing	Amp.	16		
1 MB 209	Poles	3	4	5
Dim. in mm	a	87	100	100
	b	64	75	75
	c	99	110	113
	d	40	-	-
	d1	-	11	11
	e	50	59	59
	f	4,5	5	5
	g	4	4	4
	h	115	125	128
	M	20	20	20
	M*	M20 (blind) to be cut out		
Max. cable diam. (mm)		15	15	15
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5
		-4	-4	-4

Page 23 fig. 5 and 6



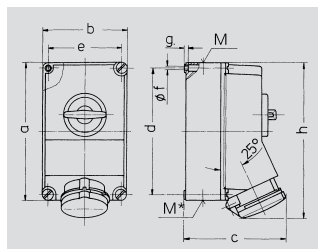
Drawing	Amp.	16			32		
1 MB 354	Poles	4	5	5	3	4	5
Dim. in mm	a	141	141	141			
	b	85	85	85			
	c	139	139	153			
	d	61	61	61			
	e	68	68	68			
	f	5,3	5,3	5,3			
	g	4	4	4			
	h	145	145	162			
	M	25	25	32			
Max. cable diam. (mm)		18	18	25			
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	2,5			
		-4	-4	-10			

Page 24 fig. 1



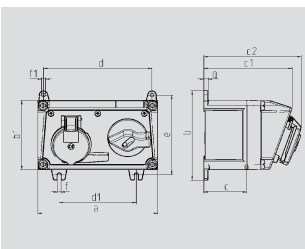
Drawing	Amp.	16			32		
1 MB 174	Poles	3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	118	118	118	118	118	118
	c	141	141	141	146	146	146
	d	208	208	208	208	208	208
	e	101	101	101	101	101	101
	f	6,3	6,3	6,3	6,3	6,3	6,3
	g	8	8	8	8	8	8
	h	250	252	254	264	264	264
	M	1x25 and 1x32			1x25 and 1x32		
	M*	2x25			2x25		
Max. cable diam. (mm)		25	25	25	25	25	25
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Page 24 fig. 2



Drawing	Amp.	63		
1 MB 234	Poles	3	4	5
Dim. in mm	a	264	264	264
	b	163	163	163
	c	192	192	192
	d	240	240	240
	e	140	140	140
	f	8,1	8,1	8,1
	g	8	8	8
	h	300	300	300
	M	40	40	40
	M*	2x40		
Max. cable diam. (mm)		27	27	27
Terminal for cond. cross section (mm²) min.-max.		6	6	6
		-25	-25	-25

Page 24 fig. 3



Drawing	Amp.	16			32		
1 MB 550	Poles	3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	168	168	168	168	168	168
	b1	130	130	130	130	130	130
	c	80	80	80	80	80	80
	c1	166	166	166	166	166	166
	c2	182	183	183	193	193	193
	d	204	204	204	204	204	204
	d1	145	145	145	145	145	145
	e	150	150	150	150	150	150
	f	7	7	7	7	7	7
	f1	Ø7	Ø7	Ø7	Ø7	Ø7	Ø7
	g	8	8	8	8	8	8

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Page 25 fig. 1 / page 29 fig. 3 / page 72 fig. 2 / page 76 fig. 3

Drawing	Amp.	16			32		
1 MB 207	Poles	3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	118	118	118	118	118	118
	c	144	146	147	152	152	153
	d	208	208	208	208	208	208
	e	101	101	101	101	101	101
	f	6,3	6,3	6,3	6,3	6,3	6,3
	g	8	8	8	8	8	8
	h	252	255	259	268	268	274
	M	1xM25 and 1xM32	1xM25 and 1xM32	1xM25 and 1xM32	1xM25 and 1xM32	1xM25 and 1xM32	1xM25 and 1xM32
	M*	2x25	2x25	2x25	2x25	2x25	2x25
Max. cable diam. (mm)		25	25	25	25	25	25
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Page 25 fig. 2 / page 29 fig. 4

Drawing	Amp.	63		
1 MB 180	Poles	3	4	5
Dim. in mm	a	264	264	264
	b	163	163	163
	c	198	198	198
	d	240	240	240
	e	140	140	140
	f	8,1	8,1	8,1
	g	8	8	8
	h	303	303	303
	M	40	40	40
	M*	40	40	40
Max. cable diam. (mm)		32	32	32
Terminal for cond. cross section (mm²) min.-max.		6	6	6
		-25	-25	-25

Page 25 fig. 3 / page 28 fig. 5 and 6

Drawing	Amp.	125		
1 MB 177	Poles	3	4	5
Dim. in mm	a	460	460	460
	b	260	260	260
	c	283	283	283
	d	434	434	434
	e	234	234	234
	f	11	11	11
	g	9	9	9
	h	519	519	519
	M	63	63	63
	M*	2x63	2x63	2x63
Max. cable diam. (mm)		44	44	44
Terminal for cond. cross section (mm²) min.-max.		25	25	25
		-70	-70	-70

Page 25 fig. 4

Drawing	Amp.	16			32		
1 MB 551	Poles	3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	168	168	168	168	168	168
	b1	130	130	130	130	130	130
	c	80	80	80	80	80	80
	c1	166	166	166	166	166	166
	c2	182	185	186	197	197	198
	d	204	204	204	204	204	204
	d1	145	145	145	145	145	145
	e	150	150	150	150	150	150
	f	7	7	7	7	7	7
	f1	07	07	07	07	07	07
	g	8	8	8	8	8	8

Page 26 fig. 1, 2, 3, 4 and 5

Drawing	Amp.	245		
5 MB 36	Poles	3	4	5
Dim. in mm	a	245	245	245
	b	160	160	160
	c	116	116	116
	d	201	201	201
	e	133	133	133
	f	5,5	5,5	5,5
	g	10	10	10
	h	259	259	259

Cable inlet:
Top: 1 x M 32 open,
Bottom: 1 x M 32 with sealing plug
Bottom: 2 x M 32 with sealing plug

Page 26 fig. 6

Drawing	Amp.	16			32		
1 MB 378	Poles	3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	118	118	118	118	118	118
	c	144	146	147	152	152	153
	d	208	208	208	208	208	208
	e	101	101	101	101	101	101
	f	6,3	6,3	6,3	6,3	6,3	6,3
	g	8	8	8	8	8	8
	h	252	255	259	268	268	274
	M	1x25 and 1x32	1x25 and 1x32	1x25 and 1x32	1x25 and 1x32	1x25 and 1x32	1x25 and 1x32
	M*	2x25	2x25	2x25	2x25	2x25	2x25
Max. cable diam. (mm)		25	25	25	25	25	25
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Page 28 fig. 1, 2 / page 29 fig. 5 / page 72 fig. 3

Drawing	Amp.	16			32		
1 MB 181	Poles	3	4	5	3	4	5
Dim. in mm	a	364	364	364	364	364	364
	b	134	134	134	134	134	134
	c	160	162	163	168	168	168
	d	347	347	347	347	347	347
	e	117	117	117	117	117	117
	f	6,3	6,3	6,3	6,3	6,3	6,3
	g	8	8	8	8	8	8
	h	391	395	398	408	411	411
	M	32/40	32/40	32/40	32/40	32/40	32/40
	M*	2x32	2x32	2x32	2x32	2x32	2x32
Max. cable diam. (mm)		27	27	27	27	27	27
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Page 28 fig. 3, 4

Drawing	Amp.	63		
1 MB 620	Poles	3	4	5
Dim. in mm	a	460	460	460
	b	180	180	180
	c	200	200	200
	d	440	440	440
	e	160	160	160
	f	8,1	8,1	8,1
	g	8	8	8
	h	200	200	200
	M	40	40	40
	M*	2x40	2x40	2x40
Max. cable diam. (mm)		27	27	27
Terminal for cond. cross section (mm²) min.-max.		6	6	6
		-25	-25	-25

Page 30 fig. 1

Drawing	Amp.	16			32		
1 MB 312	Poles	3	4	5	3	4	5
Dim. in mm	a	93	93	93	93	93	93
	b	90	90	90	90	90	90
	c	87	87	87	99	99	99
	d	75	75	75	75	75	75
	e	73	73	73	73	73	73
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	4,2	4,2	4,2	4,2	4,2	4,2
	k	33	33	33	33	33	33
	y	25,5	25,5	25,5	25,5	25,5	25,5
	M	25x1,5	25x1,5	25x1,5	25x1,5	25x1,5	25x1,5
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Page 30 fig. 2

Drawing	Amp.	16			32		
1 MB 317	Poles	3	4	5	3	4	5
Dim. in mm	a	93	93	93	93	93	93
	b	90	90	90	90	90	90
	c	88	88	88	100	100	100
	d	75	75	75	75	75	75
	e	73	73	73	73	73	73
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	4,2	4,2	4,2	4,2	4,2	4,2
	k	34	34	34	34	34	34
	y	25,5	25,5	25,5	25,5	25,5	25,5
	M	25x1,5	25x1,5	25x1,5	25x1,5	25x1,5	25x1,5
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Page 30 fig. 3

Drawing	Amp.	16			32		
1 MB 315	Poles	3	4	5	3	4	5
Dim. in mm	k	32	32	32	48	48	48
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

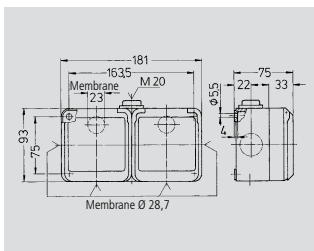
Page 30 fig. 4

Drawing	Amp.	16			32		
1 MB 336	Poles	3	4	5	3	4	5
Dim. in mm	a	93	93	93	93	93	93
	b	90	90	90	90	90	90
	c	95	95	95	95	95	95
	h	111	111	111	111	111	111
	i	124	124	124	124	124	124
	k	33	33	33	33	33	33
	n	91	91	91	91	91	91
	o	95	95	95	95	95	95
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Drawings and dimensions

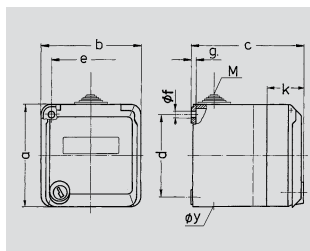
The sizes for the entries on the drawings can be different to the real existing entry sizes.
Subject to modification and amendments without prior notice. Errors and omissions excepted.

Page 30 fig. 5



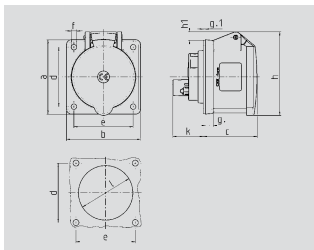
Drawing	Amp.	16		
1 MB 350	Poles	3	4	5
Dim. in mm				
Terminal for cond. cross		1,5	1,5	1,5
section (mm ²) min.-max.		—4	—4	—4

Page 30 fig. 6 / page 81 fig. 1



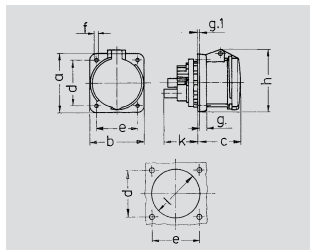
Drawing 1 MB 313	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm							
a	93	93	93	93	93	93	93
b	90	90	90	90	90	90	90
c	90	90	90	102	102	102	102
d	75	75	75	75	75	75	75
e	73	73	73	73	73	73	73
f	5.5	5.5	5.5	5.5	5.5	5.5	5.5
g	4.2	4.2	4.2	4.2	4.2	4.2	4.2
k	36	36	36	36	36	36	36
M	25.5	25.5	25.5	25.5	25.5	25.5	25.5
Y	25x1.5	25x1.5	25x1.5	25x1.5	25x1.5	25x1.5	25x1.5
Terminal for cond. sense	1.5	1.5	1.5	2.5	2.5	2.5	2.5
Term./mm (mm ² max)	—	—	—	—	—	—	—

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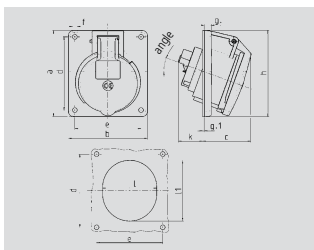
Drawing 1 MB 247	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	75	75	75	75	75	75
	b	75	75	75	75	75	75
	c	53	53	55	64	64	65
	d	60	60	60	60	60	60
	e	60	60	60	60	60	60
	f	5.5	5.5	5.5	5.5	5.5	5.5
	g	8	8	8	8	8	8
	g-1	2	2	2	2	2	2
	h	75	80	83	89	89	100
	h1		6	8	11	11	12
	k	31	32	32	38	39	39
	l	43	52	53	58	68	68
		1.5	1.5	1.5	2.5	2.5	2.5
Terminal for cond. cross section (mm ²) min.-max.		-4 -4	-4 -4	-4 -4	-10 -10	-10 -10	-10 -10

Page 31 fig. 2



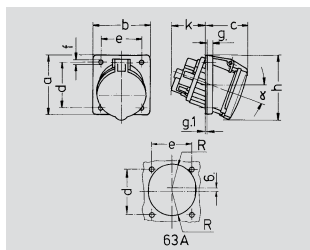
Drawing 1 MB 211	Amp. Poles	63		
		3	4	5
Dim. in mm	a	107	107	107
	b	100	100	100
	c	80	80	80
	d	85	85	85
	e	77	77	77
	f	6.	6.	6.
	g	12	12	12
	g.1	2	2	2
	h	113	113	113
	k	55	55	55
	l	88	88	88
Terminal for cond. cross section (mm ²) min.-max.		6	6	6
		-25	-25	-25

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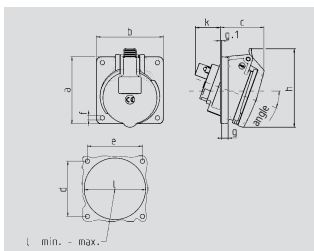
Drawing		16				32			
1 MB 256	Amp.	Poles	3	4	5/7	3	4	5/7	
Dim. in mm									
a		73.5	100	100	100	100	100	100	
b		64	92	92	92	92	92	92	
c		50	59	58	62	62	65	61	
d		60	85	85	82	82	85	85	
e		52	77	77	77	77	77	77	
f		5.5	5.5	5.5	5.5	5.5	5.5	5.5	
g		7	8	8	8	8	8	8	
g.1		2	2	2	2	2	2	2	
h		79	100	100	103	103	106	106	
k		34	34	34	34	34	34	34	
l		52	55	65	67	67	72	72	
ll		60	63	72	82	82	82	82	
o		20 ¹	20 ²	20 ³	20 ⁴	20 ⁴	20 ⁴	20 ⁴	
Terminal for cond. cross section/mm ² Al									
		1.5	1.5	1.5	2.5	2.5	2.5	2.5	
					10	10	10	10	

Page 31 fig. 4



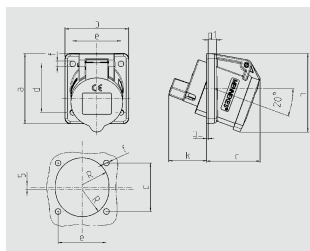
Drawing 1 MB 297	Amp. Poles	63		
		3	4	5
Dim. in mm	a	110	110	110
	b	106	106	106
	c	85	85	85
	d	85	85	85
	e	77	77	77
	f	6.2	6.2	6.2
	g	12	12	12
	g-1	2	2	2
	h	122	122	122
	k	69	69	69
	R	46	46	46
	A	20°	20°	20°
Terminal for cond. cross section (mm ²) min.-max		6	6	6
		-25	-25	-25

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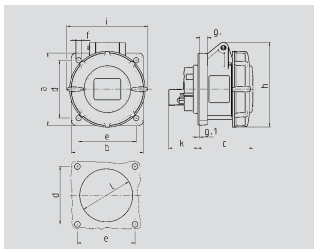
Drawing 1 MB 453 Dim. in mm	Amp. Poles	16			32		
		3	4	5	3	4	5
a	85	85	85	85	85	85	85
b	85	85	85	85	85	85	85
c	53	57	57	60	60	67	67
d	70	70	70	70	70	70	70
e	70	70	70	70	70	70	70
f	5.5	5.5	5.5	5.5	5.5	5.5	5.5
g	8	8	8	8	8	8	8
g-1	2	2	2	2	2	2	2
h	89	96	101	103	103	103	110
k	39	34	33	53	53	41	41
l min.	57	64	70	78	78	78	78
l max.	78	78	78	78	78	78	78
Terminal for cond. cross section (mm ²) min.-max.	—	1.5	1.5	1.5	2.5	2.5	2.5
	—	4	4	4	10	10	10

Page 31 fig. 6



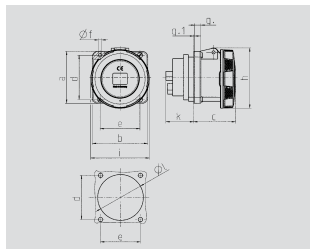
Drawing 1 MB 472	Amp. Poles	16
Dim. in mm	a	68
	b	62
	c	52
	d	47
	e	47
	f	5,5
	g.	8
	g.1	1,5
	h	76
	k	37
	R	26
Terminal for cond. cross section (mm ²) min.-max		1,5 —4

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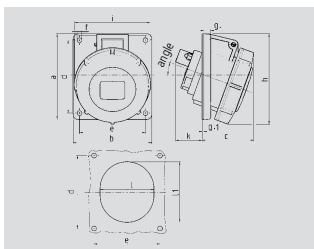
Drawing 1 MB 141	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	75	75	75	85	85	85
	b	75	75	75	75	75	75
	c	60	61	61	70	70	72
	d	60	60	60	60	60	60
	e	60	60	60	60	60	60
	f	5.5	5.5	5.5	5.5	5.5	5.5
	g	8	8	8	8	8	8
	g-1	2	2	2	2	2	2
	h	83	88	95	99	99	105
	i	78	85	96	103	103	110
	k	31	32	32	39	39	39
	l	43	52	54	58	58	65
	m	1.5	1.5	1.5	2.5	2.5	2.5
Terminal for cond. cross section (mm ²) min-max		-4	-4	-4	-10	-10	-10

Page 32 fig. 2



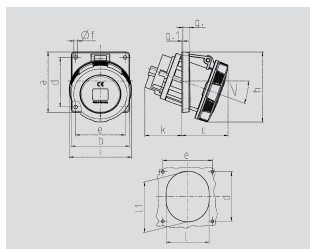
Drawing 1 MB 212/258 Dim. in mm	App. a	63			125	
		3	4	5	4	5
a	107	107	107		130	130
b	100	100	100		130	130
c	81	81	81		119	119
d	85	85	85		104	104
e	77	77	77		104	104
f	6	6	6		6,5	6,5
g	12	12	12		18	18
g.1	2	2	2		2	2
h	117	117	117		129	129
i	113	113	113		126	126
k	55	55	55		43	43
l	88	88	88		95	95
Terminal for cond. con-	6	6	6		25	25
sist. (mm²) min.-max.	-25	-25	-25		-70	-70

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Drawing		16					32				
1 MB 251.405	Amp.	3	4	5/7		3	4	5/7			
Dim. in mm	a	73.5	100	100		100	100	100			
	b	64	92	92		92	92	92			
	c	52	60	62		64	64	66			
	d	60	85	85		85	85	85			
	e	52	77	77		77	77	77			
	f	5,5	5,5	5,5		5,5	5,5	5,5			
	g	8	8	8		8	8	8			
	h	2	2	2		2	2	2			
	i	84	100	105		109	109	113			
	j	78	85	96		103	103	110			
	k	43	32	32		53	53	45			
	l	52	55	66		67	72	82			
	m	60	63	72		82	82	85			
	n	20	20	20		20	20	20			
	o	1,5	1,5	1,5		2,5	2,5	2,5			
Sectional for cross, cores											
terminal (mm)											

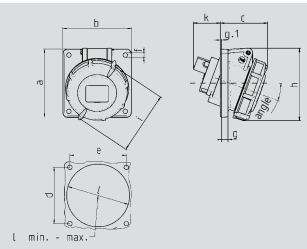
Page 32 fig. 4



1 MB 2981	Amp.	63				125			
1 MB 601	Poles	3	4	5	3	4	5	5	
Dim. in mm									
a	110	110	110	114	114	114	114	114	
b	106	106	106	110	110	110	110	110	
c	85	85	85	75	75	75	75	75	
d	85	85	85	90	90	90	90	90	
e	77	77	77	90	90	90	90	90	
f	6,2	6,2	6,2	6,2	6,2	6,2	6,2	6,2	
g	12	12	12	13	13	13	13	13	
g1	2	2	2	2	2	2	2	2	
h	128	128	128	133	133	133	133	133	
i	113	113	113	126	126	126	126	126	
j	67	67	67	103	103	103	103	103	
k	92	92	92	94	94	94	94	94	
l	98	98	98	107	107	107	107	107	
<	20°	20°	20°	15°	15°	15°	15°	15°	
Term. for cond. cross section (mm²) min.-max.	6	6	6	25	25	25	25	25	
	—	—	—	25	25	25	25	25	

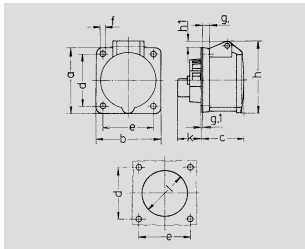
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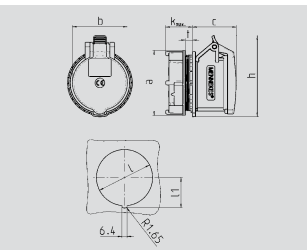
Drawing	Amp.	16			32		
1 MB 452	Poles	3	4	5	3	4	5
Dim. in mm	a	85	85	85	85	85	85
	b	85	85	85	85	85	85
	c	57	59	60	68	68	72
	d	70	70	70	70	70	70
	e	70	70	70	70	70	70
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	8	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	87	91	99	105	105	110
	i	78	85	96	103	103	110
	k	39	34	33	53	53	41
	l min.	57	64	70	78	78	78
	l max.	78	78	78	78	78	78
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		—4	—4	—4	—10	—10	—10

Page 33 fig. 4



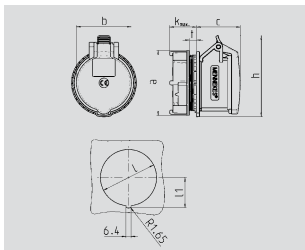
Drawing	Amp.	16		
1 MB 426	Poles	3	4	5
Dim. in mm	a	55	55	55
	b	55	55	55
	c	54	54	54
	d	45	45	45
	e	45	45	45
	f	5,5	5,5	5,5
	g	8	8	8
	g.1	2	2	2
	h	70	70	70
	h1	12	12	12
	k	28	28	28
	l	47	47	47
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5
		—4	—4	—4

Page 33 fig. 5



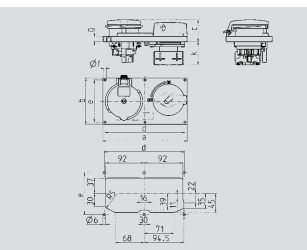
Drawing	Amp.	16		
1 MB 468	Poles	3	4	5
Dim. in mm	a	69	69	69
	b	57	57	57
	c	55	55	55
	k	max. 30	max. 30	max. 30
	h	87	87	87
	l	61	61	61
	l1	33,25	33,25	33,25
	t	2-9	2-9	2-9
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5
		—4	—4	—4

Page 33 fig. 6



Drawing	Amp.	16			32		
1 MB 468	Poles	4	5	3	4	5	
Dim. in mm	a	81	81	81	81	81	81
	b	66	69	71	71	80	80
	c	58	55	66	66	64	64
	k	max. 33	max. 33	max. 33	max. 33	max. 33	max. 33
	h	100	102	101	101	108	108
	l	70	70	70	70	70	70
	l1	37,75	37,75	37,75	37,75	37,75	37,75
	t	2-9	2-9	2-9	2-9	2-9	2-9
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	2,5	2,5	2,5	2,5
		—4	—4	—6	—6	—6	—6

Page 35 fig. 1

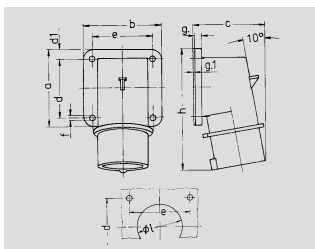


Drawing	Amp.	16			32		
5 MB 59	Poles	3	4	5	3	4	5
Dim. in mm	a	200	200	200	200	200	200
	b	110	110	110	110	110	110
	c	46	49	46	56	56	53
	d	190	190	190	190	190	190
	e	100	100	100	100	100	100
	f	5	5	5	5	5	5
	g	13	13	13	13	13	13
	k max.	56	56	56	56	56	56

Page 35 fig. 2

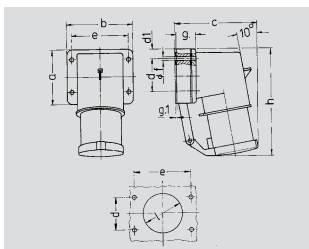
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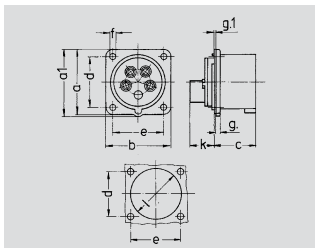
Drawing 2 MB 73.71 Dim. in mm	Amp. Poles	16		32		
		4	5/7	3	4	5/7
a		85	85	75	75	75
b		85	85	90	90	90
c		75	79	87	87	90
d		64	64	45	45	45
d1		10	10	13	13	13
e		64	64	78	78	78
f		5,5	5,5	5,5	5,5	5,5
g		6	6	6	6	6
g-1		2	2	2	2	2
h		129	129	137	137	138
i		50	50	55	55	55
Terminal for cond. cross section (mm²) min.-max.		1	1	2,5	2,5	2,5
		-2,5	-2,5	-6	-6	-6

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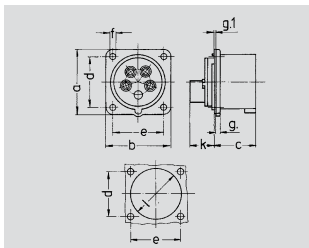
Drawing 2 MB 43	Amp. Poles	16		32		
		4	5	3	4	5
Dim. in mm						
a	b	85	85	75	75	75
c	d	85	85	90	90	90
d	e	104	106	115	115	117
d1	f	64	64	45	45	45
e	g	10	10	13	13	13
f	h	64	64	78	78	78
g	i	5,5	5,5	5,5	5,5	5,5
h	j	27	27	27	27	27
i	k	2	2	1	1	1
j	l	140	140	150	150	150
k	m	50	50	55	55	55
Terminal for cond. section (mm²) min.-max.		1	1	2,5	2,5	2,5
		-2,5	-2,5	-6	-6	-6

Page 41 fig. 1



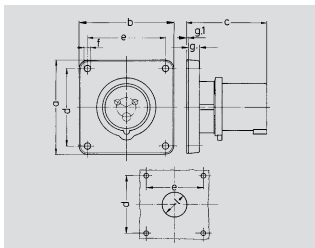
Drawing	Amp.	16	32
2 MB 68	Poles	5	5
Dim. in mm			
a		66	72
b		69	78
c		66	72
d		43	52
e		52	60
f		52	60
g		4,5	4,5
g.1		4,5	4,5
k		2	2
l		27	32
		59	63
Terminal for cond. cross		1	2,5
section (mm ²) min.-max.		—2,5	—6

Page 41 fig. 2 / page 45 fig. 5



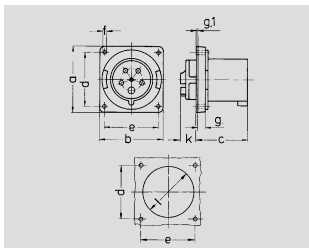
Drawing	Amp.	16
2 MB 68/853	Poles	5
Dim. in mm	a	75
	b	75
	c	42
	d	60
	e	60
	f	5,5
	g.	7,3
	g.1	2
	k	13
	l	52
Terminal for cond. cross		1
section (mm ²) min.-max		-2,5

Page 41 fig. 3



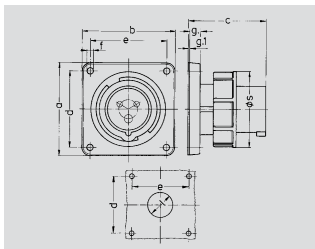
Drawing 2 MB 173/2	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	85,7	85,7	85,7	85,7	85,7	85,7
	b	85,7	85,7	85,7	85,7	85,7	85,7
	c	72	72	72	90	90	90
	d	69,5	69,5	69,5	69,5	69,5	69,5
	e	69,5	69,5	69,5	69,5	69,5	69,5
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	11	11	11	11	11	11
	g.1	2	2	2	2	2	2
	l	32	36	36	47	47	47
Terminal for cond. cross section (mm ²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		—4	—4	—4	—10	—10	—10

Page 41 fig. 4



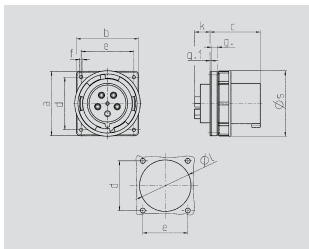
Drawing 2 MB 155	Amp. Poles	63		
		3	4	5
Dim. in mm	a	110	110	110
	b	106	106	106
	c	86	86	86
	d	90	90	90
	e	90	90	90
	f	5,5	5,5	5,5
	g	12	12	12
	g.1	2	2	2
	k	28	28	28
	l	86	86	86
Terminal for cond. cross section (mm ²) min.-max.		6	6	6
		-16	-16	-16

Page 41 fig. 5



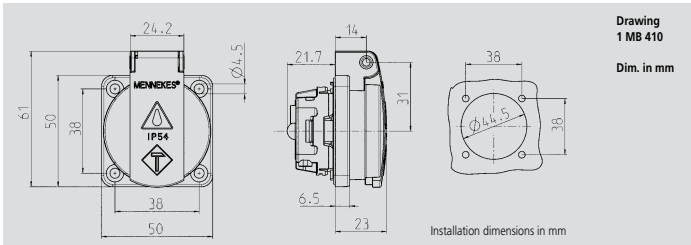
Drawing 2 MB 187/2	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	85,7	85,7	85,7	85,7	85,7	85,7
	b	85,7	85,7	85,7	85,7	85,7	85,7
	c	72	72	72	90	90	90
	d	69,5	69,5	69,5	69,5	69,5	69,5
	e	69,5	69,5	69,5	69,5	69,5	69,5
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	11	11	11	11	11	11
	g.1	2	2	2	2	2	2
	l	32	36	47	47	47	47
	s	71	79	89	94	94	102
Terminal for cond. cross		1,5	1,5	1,5	2,5	2,5	2,5
section (mm ²) min.-max.		—	—	—	—10	—10	—10

Page 41 fig. 6

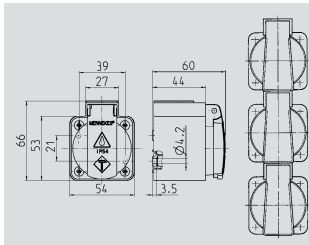


Drawing 2 M 166	Amp. Poles	63			125		
		3	4	5	3	4	5
Dim. in mm							
a	110	110	110	130	130	130	130
b	106	106	106	130	130	130	130
c	86	86	86	112	112	112	112
d	90	90	90	104	104	104	104
e	90	90	90	104	104	104	104
f	5,5	5,5	5,5	6,5	6,5	6,5	6,5
g	12	12	12	18	18	18	18
g.1	2	2	2	2	2	2	2
k	28	28	28	28	28	28	28
l	88,5	88,5	88,5	95	95	95	95
s	113	113	113	132	132	132	132
Terminal for cond. cross section (mm ²) min.-max.		6	6	6	25	25	25
		-16	-16	-16	-70	-70	-70

Page 68 fig. 1, 2, 3, 5 and 6



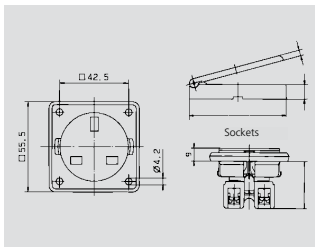
Page 68 fig. 4



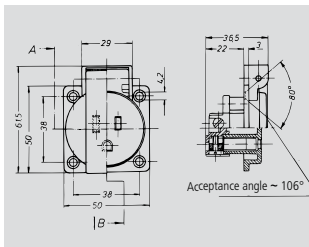
Drawing
1 MB 27/30

Dim. in mm

Page 69 fig. 2



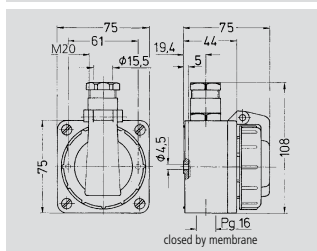
Page 69 fig. 3



Drawing
1 MB 421

Dim. in mm

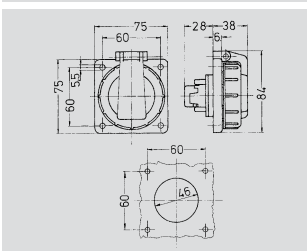
Page 70 fig. 1



Drawing
1 MB 347

Dim. in mm

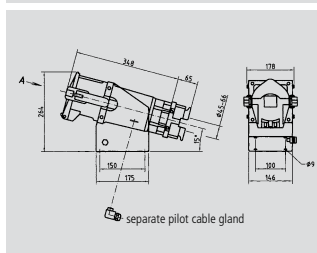
Page 70 fig. 2



Drawing
1 MB 299

Dim. in mm

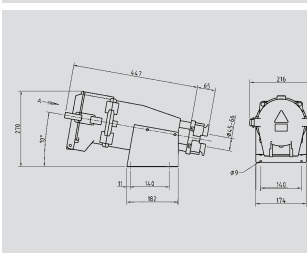
Page 71 fig. 1 (200A)



Drawing
1 MB 385

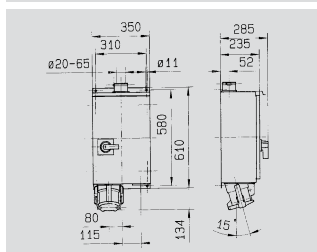
Dim. in mm

Page 71 fig. 1 (250A and 400A)



Drawing
1 MB 389/1
Dim. in mm

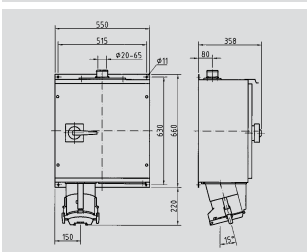
Page 71 fig. 2 (200A)



Drawing
1 MB 386

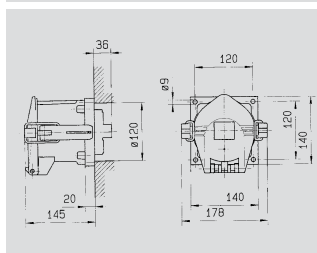
Dim. in mm

Page 71 fig. 2 (250A and 400A)



Drawing
1 MB 403/2
Dim. in mm

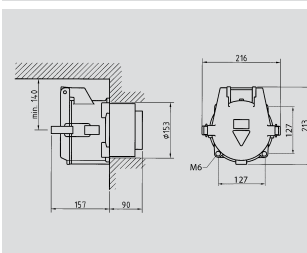
Page 71 fig. 3 (200A)



Drawing
1 MB 384

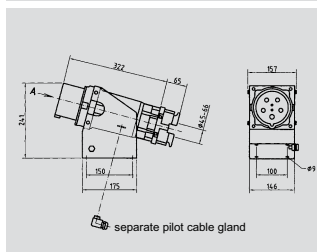
Dim. in mm

Page 71 fig. 3 (250A and 400A)



Drawing
1 MB 388/1
Dim. in mm

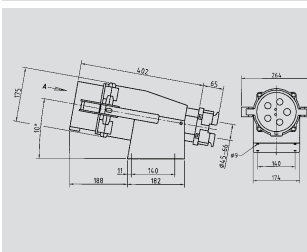
Page 71 fig. 5 (200A)



Drawing
2 MB 197

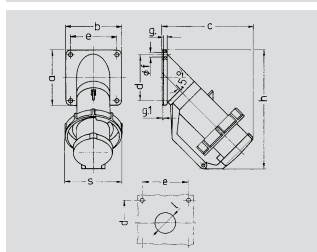
Dim. in mm

Page 71 fig. 5 (250A and 400A)



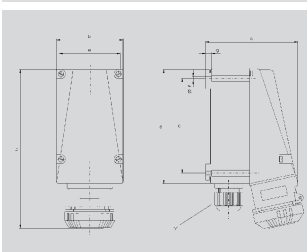
Drawing
2 MB 200/1
Dim. in mm

Page 73 fig. 1



Drawing 2 MB 40	Amp. Poles	16		32			63	
		3	4	5	4	5		
Dim. in mm	a	85	85	85	85	114	114	114
	b	85	85	85	85	114	114	114
	c	141	141	141	141	180	180	180
	d	70	70	70	70	90	90	90
	e	70	70	70	70	90	90	90
	f	6,2	6,2	6,2	6,2	6,2	6,2	6,2
	g	6	6	6	6	6	6	6
	h	2	2	2	2	2	2	2
	i	181	181	181	188	242	242	246
	s	86	93	93	100	113	113	113
	l	30	30	30	30	40	40	40
Terminal for cond. cross	1	2,5	2,5	2,5	4	4	4	4
section (mm ²) min.-max.	-2,5	-6	-6	-6	-10	-10	-10	-10

Page 75 fig. 1

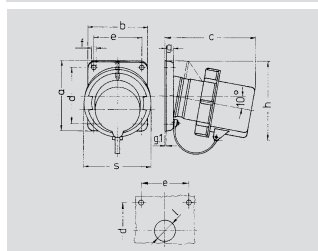


D22516-7a Dim. in mm	Amp. Poles	16			32		
		3	4	5	4	5	
a	b	155	175	175	205	205	
b	a	90	110	110	120	120	
c	d	121	147	147	166	166	
d	c	115	135	135	170	170	
e	f	80	100	100	110	110	
f	e	7	7	7	7	7	
g	h	11	11	11	11	11	
h	g	223	236	236	285	285	
M*	M	25	25	25	40	40	
Max. cable diam. (mm)		25 (mounted cable gland)			40 (mounted cable gland)		
Terminal for cond. cross section (mm²) min.-max.		1	1	1	17-28	17-28	
		—	—	—	—	—	

Drawings and dimensions

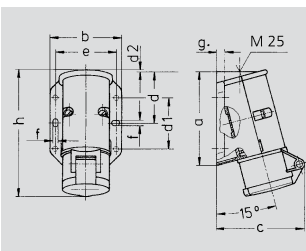
The sizes for the entries on the drawings can be different to the real existing entry sizes.
Subject to modification and amendments without prior notice. Errors and omissions excepted.

Page 77 fig. 4



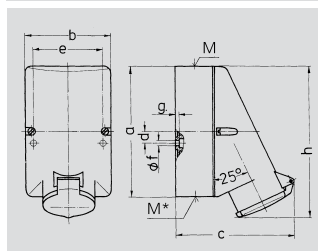
Drawing	Amp.	16		32	
2 MB 203	Poles	2	3	2	3
Dim. in mm					
a		85	85	85	85
b		85	85	85	85
c		132	132	137	137
d		70	70	70	70
e		70	70	70	70
f		6,3	6,3	6,3	6,3
g		11	11	11	11
g.1		2	2	2	2
h		107	107	111	111
s		86	86	102	102
l		30	30	30	30
Terminal for cond. cross section (mm²) min.-max.		1	1	2,5	2,5
		-2,5	-2,5	-6	-6

Page 78 fig. 1



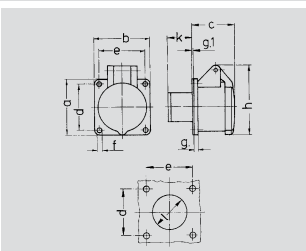
Drawing	Amp.	16		32	
1 MB 294	Poles	2	3	2	3
Dim. in mm					
a		96	96	96	96
b		73	73	73	73
c		90	90	90	90
d		53	53	53	53
d1		52	52	52	52
d2		2	2	2	2
e		62	62	62	62
f		5,3	5,3	5,3	5,3
g		8	8	8	8
h		129	129	129	129
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		-10	-10	-10	-10

Page 78 fig. 2



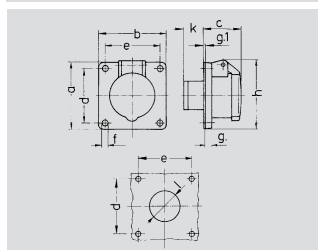
Drawing	Amp.	16		32	
1 MB 137	Poles	2	3	2	3
Dim. in mm					
a		128	128	128	128
b		84	84	84	84
c		120	120	120	120
d		11	11	11	11
e		68	68	68	68
f		5,3	5,3	5,3	5,3
g		4	4	4	4
h		146	146	146	146
M		25	25	32	32
M*		2x25 (blind) to be cut out		2x25 (blind) to be cut out	
Max. cable diam. (mm)		18	18	25	25
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		-2x6	-10	-2x6	-10

Page 78 fig. 3



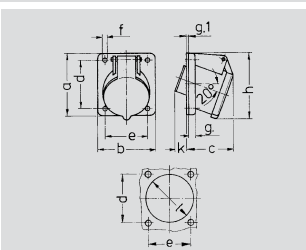
Drawing	Amp.	16		32	
1 MB 136	Poles	2	3	2	3
Dim. in mm					
a		55	55	55	55
b		55	55	55	55
c		44	44	44	44
d		45	45	45	45
e		45	45	45	45
f		4,2	4,2	4,2	4,2
g		8	8	8	8
g.1		2	2	2	2
h		67	67	67	67
k		22	22	22	22
l		34	34	34	34
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		-10	-10	-10	-10

Page 78 fig. 4



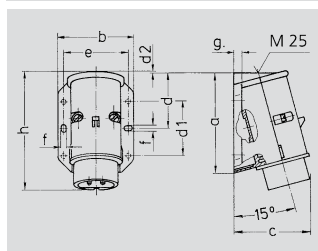
Drawing	Amp.	16		32	
1 MB 292	Poles	2	3	2	3
Dim. in mm					
a		75	75	75	75
b		75	75	75	75
c		44	44	44	44
d		60	60	60	60
e		60	60	60	60
f		5,5	5,5	5,5	5,5
g		8	8	8	8
g.1		2	2	2	2
h		77	77	77	77
k		22	22	22	22
l		34	34	34	34
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		-10	-10	-10	-10

Page 78 fig. 5



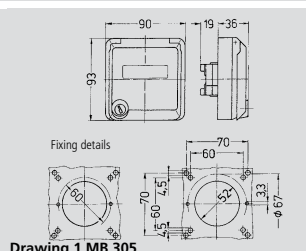
Drawing	Amp.	16		32	
1 MB 231	Poles	2	3	2	3
Dim. in mm					
a		68	68	68	68
b		62	62	62	62
c		42	42	42	42
d		53	53	53	53
e		47	47	47	47
f		4,5	4,5	4,5	4,5
g		8	8	8	8
g.1		2	2	2	2
h		72	72	72	72
k		32	32	32	32
l		55	55	55	55
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		-10	-10	-10	-10

Page 79 fig. 2

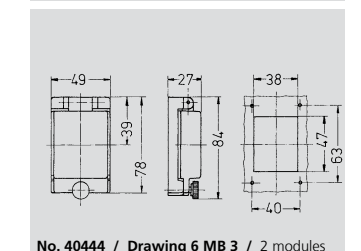


Drawing	Amp.	16		32	
2 MB 160	Poles	2	3	2	3
Dim. in mm					
a		96	96	96	96
b		73	73	73	73
c		74	74	74	74
d		53	53	53	53
d1		52	52	52	52
d2		2	2	2	2
e		62	62	62	62
f		5,3	5,3	5,3	5,3
g		8	8	8	8
h		116	116	116	116
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		-10	-10	-10	-10

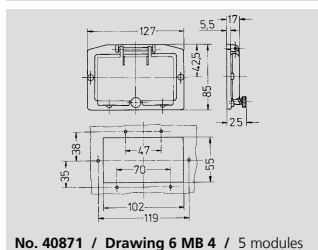
Page 81 fig. 2 - 5



Page 83 fig. 1a

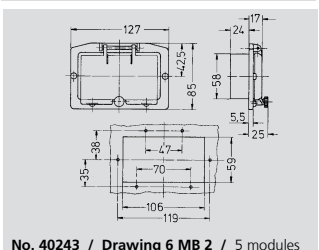


Page 83 fig. 1b



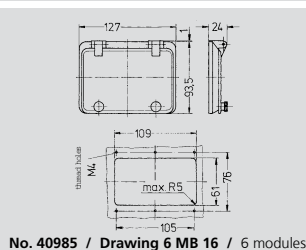
No. 40871 / Drawing 6 MB 4 / 5 modules

Page 83 fig. 2



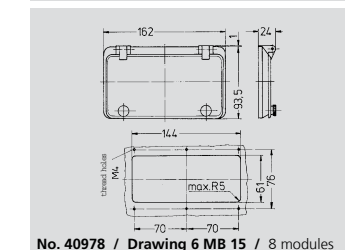
No. 40243 / Drawing 6 MB 2 / 5 modules

Page 83 fig. 3a



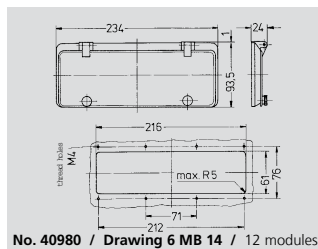
No. 40985 / Drawing 6 MB 16 / 6 modules

Page 83 fig. 3b



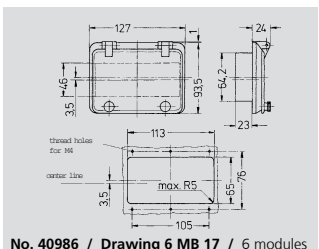
No. 40978 / Drawing 6 MB 15 / 8 modules

Page 83 fig. 3c



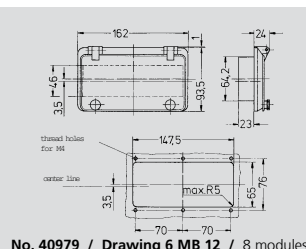
No. 40980 / Drawing 6 MB 14 / 12 modules

Page 83 fig. 4a



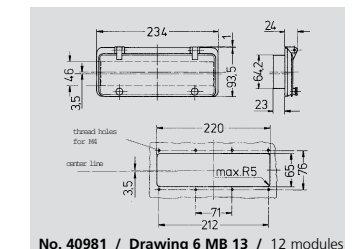
No. 40986 / Drawing 6 MB 17 / 6 modules

Page 83 fig. 4b



No. 40979 / Drawing 6 MB 12 / 8 modules

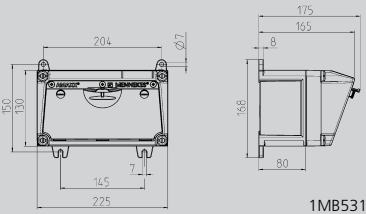
Page 83 fig. 4c



No. 40981 / Drawing 6 MB 13 / 12 modules

AMAXX®. Combination units.

AMAXX® with 1 segment

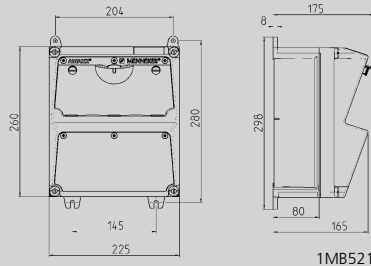


1MB531

Depth dimensions of the AMAXX®-enclosures with 1, 2 or 3 segments and various fittings.

Sockets	IP-degrees	Depth
SCHUKO® 16A, 230V	44	175 mm
	67	194 mm
CEE 16A, 3p, 230V	44	204 mm
	67	205 mm
CEE 16A, 5p, 400V	44	209 mm
	67	213 mm
CEE 32A, 5p, 400V	44	221 mm
	67	227 mm
CEE 63A, 5p, 400V	44	248 mm
	67	248 mm

AMAXX® with 2 segments



1MB521

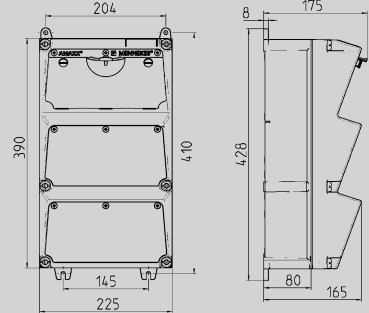
Cable entries:
closed for cut out.

1 segment 130 mm x 225 mm
2 x M 25 each on top and bottom

2 segments 260 mm x 225 mm
2 x M 32 each on top and bottom

3 segments 390 mm x 225 mm
2 x M 40 each on top and bottom

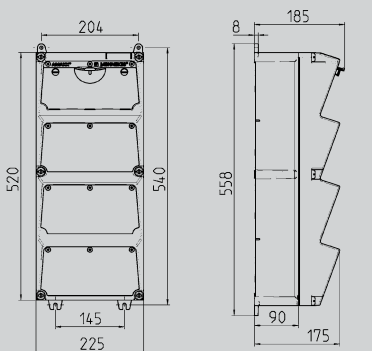
AMAXX® with 3 segments



1MB522

For all enclosures:
2 x M 20 each on top and bottom for cut out.

AMAXX® with 4 segments

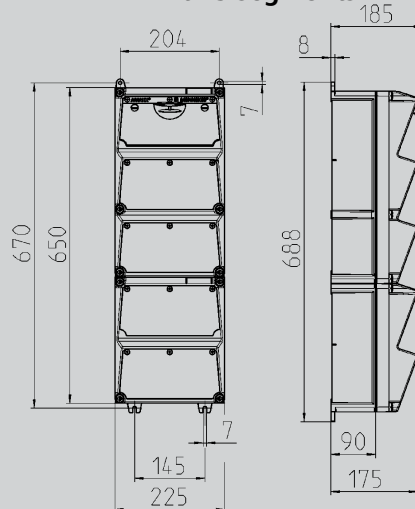


1MB523

Depth dimensions of the AMAXX®-enclosures with 4 or 5 segments and various fittings.

Sockets	IP-degrees	Depth
SCHUKO® 16A, 230V	44	186 mm
	67	208 mm
CEE 16A, 3p, 230V	44	216 mm
	67	220 mm
CEE 16A, 5p, 400V	44	222 mm
	67	226 mm
CEE 32A, 5p, 400V	44	231 mm
	67	236 mm
CEE 63A, 5p, 400V	44	260 mm
	67	260 mm

AMAXX® with 5 segments



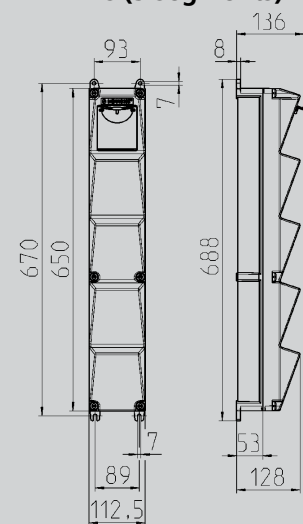
1MB540

Cable entries:
closed for cut out.

quadruple enclosure 520 mm x 225 mm
quintuple enclosure 650 mm x 225 mm
2 x M 40 each on top and bottom

For both enclosures:
2 x M 20 each on top and bottom for cut out.

AMAXX® s (5 segments)



1MB541

Depth dimensions of the AMAXX® s enclosures with 5 segments and various fittings.

Sockets	IP-degrees	Depth
SCHUKO® 16A, 230V	44	140 mm
	67	157 mm
CEE 16A, 3p, 230V	44	170 mm
	67	169 mm
CEE 16A, 5p, 400V	44	172 mm
	67	174 mm
CEE 32A, 5p, 400V	44	182 mm
	67	188 mm

Cable entries: closed for cut out.

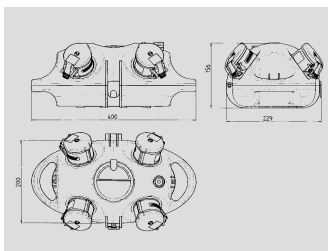
AMAXX® s 650 mm x 112.5 mm
1 x M 25 each on top and bottom or
1 x M 32 each on top and bottom

Additionally: 1 x M 20 each on top and bottom to cut out.

Drawings and dimensions

The sizes for the entries on the drawings can be different to the real existing entry sizes.
Subject to modification and amendments without prior notice. Errors and omissions excepted.

Page 60 fig. 1 - 4

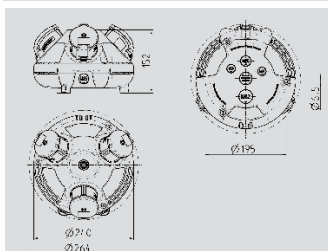


Drawing
1 MB 441
Dim. in mm

DIN rail / fusing for max. 4 modules below transparent window

Cable entry:
at the top: 1 x M 32, 1 x M 25, 2 x M 20 (blind, to be cut out),
1 x cut out for quick pneumatic connection;
from the side (for wall fixing or portable version):
1 x M 25 (blind, to be cut out).

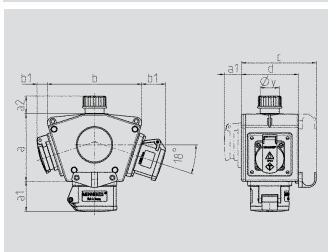
Page 60 fig. 5 - 8



Drawing
1 MB 442
Dim. in mm

Cable entry:
at the top: 1 x M 32, 1 x M 25, 2 x M 20
(blind, to be cut out),
1 x cut out for quick pneumatic connection;
from the side (for wall fixing or portable version):
1 x M 25 (blind, to be cut out).

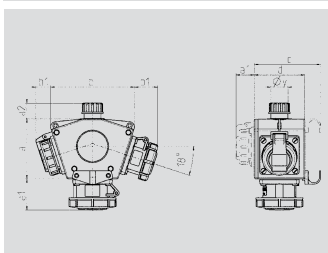
Page 61 fig. 1 - 3



Pos.	Sockets	IP-degrees	Dim.
a			114.0 mm
a1	SCHUKO®, 16A, 230V	IP 44	max. 30.0 mm
a1	CEE 16A, 3p, 230V	IP 44	52.7 mm
a1	CEE 16A, 5p, 400V	IP 44	50.5 mm
a1	CEE 32A, 5p, 400V	IP 44	64.0 mm
a2			30.0 mm
b			160.0 mm
b1	SCHUKO®, 16A, 230V	IP 44	max. 18.0 mm
b1	CEE 16A, 3p, 230V	IP 44	42.0 mm
b1	CEE 16A, 5p, 400V	IP 44	40.0 mm
b1	CEE 32A, 5p, 400V	IP 44	53.2 mm
c			133.0 mm
d			97.0 mm
ly			17.0 mm

Cable entry:
1 x with gland diameter,
Ø 17 mm or 27 mm

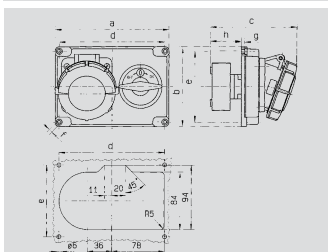
Page 61 fig.4



Pos.	Sockets	IP-degrees	Dim.
a			114.0 mm
a1	SCHUKO®, 16A, 230V	IP 68	35.0 mm
a1	CEE 16A, 3p, 230V	IP 67	56.3 mm
a1	CEE 16A, 5p, 400V	IP 67	59.0 mm
a2			30.0 mm
b			160.0 mm
b1	SCHUKO®, 16A, 230V	IP 44	24.0 mm
b1	CEE 16A, 3p, 230V	IP 44	44.3 mm
b1	CEE 16A, 5p, 400V	IP 44	47.0 mm
c			133.0 mm
d			97.0 mm
ly			17.0 mm

Cable entry:
1 x with gland diameter,
Ø 17 mm or 27 mm

Page 61 fig. 5 - 8

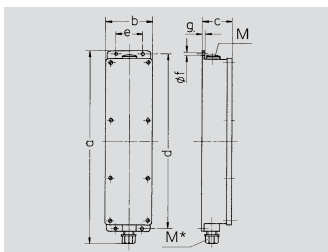


Drawing	Amp.	16	
1 MB 395	Poles	3	5
Dim. in mm	a	170	170
	b	118	118
	c	123	125
	d	158	158
	e	105	105
	f	9	9
	g	5	5
	h	47	47
Terminal for cond. cross		1.5	1.5
section (mm²) min.-max.		—4	—4

Enclosure size: 170 x 118 mm

Cable entry:
1 x M 25 at the top

Page 62 fig. 1 - 8



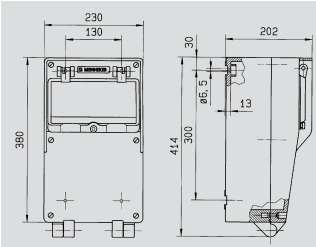
Drawing		
5 MB 35		
Dim. in mm	a	401
	b	97
	c	63
	d	364
	e	56
	f	5.5
	g	4
	M	25
	M*	25

Enclosure size: 401 x 97 mm

Cable entry:
1 x M 20 plugged at the top
1 x M 20 with gland at the bottom

The sizes for the entries on the drawings can be different to the real existing entry sizes.
Subject to modification and amendments without prior notice. Errors and omissions excepted.

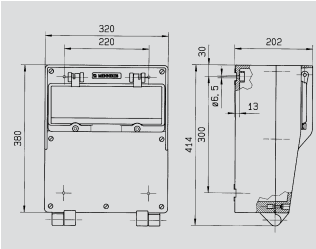
Page 63 fig. 1



Drawing
5 MB 42
Dim. in mm

Enclosure size:
380 x 230 mm
Cable entry:
1 x M 40 at the top **with threaded cable gland** and
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom
Space for 12 modules.

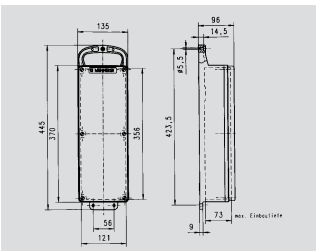
Page 63 fig. 2



Drawing
5 MB 41
Dim. in mm

Enclosure size:
380 x 320 mm
Cable entry:
1 x M 40 at the top **with threaded cable gland** and
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom
Space for 16 modules.

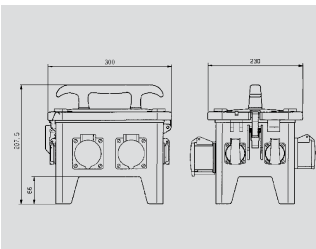
Page 63 fig. 3 and 4



Drawing
5 MB 44
Dim. in mm

Enclosure size:
445 x 135 mm

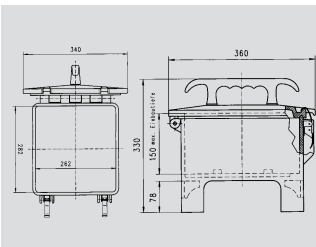
Page 63 fig. 5 and 6



Drawing
5 MB 48a
Dim. in mm

Enclosure size:
300 x 230 x 287.5 mm

Page 63 fig. 7 and 8



Drawing
5 MB 43
Dim. in mm

Enclosure size:
360 x 340 x 330 mm

Sockets – screwless or with screw terminals

Screwless:
Certified.
Tested.
Patented.

TwinCONTACT:
Innovative screwless
connection technology for
CEE sockets

Easy installation:
Remove the outer insulation, strip
the conductors insulation – that's
it. Safe contact is guaranteed.
Double terminal with split
spring ensures safe contact
even if cross-sections vary.



Suitable for solid conductors
and flexible conductors
(with wire end ferrules for
conductor strands, crimped so
as to be gas-tight
or ultrasonically welded).
Cond. cross section
at 16A: 1.5 - 4.0 mm²,
at 32A: 2.5 - 10.0 mm².



Save time

Panel mounted sockets with
TwinCONTACT technology.
For installation in cable ducts,
receptacle combination units,
distribution panels, ...
Colour-coded terminals for
unmistakable connections.



Screw terminals:
The classics.



Removable
front cover
for easy
access to
wiring
space.



All contact screws face the
same way. Open terminals.
Terminals visible through slits.

AMELAN®

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

For
toughest
conditions.

Resistance to chemicals

AMELAN® is the plastic for plugs and sockets with increased resistance to many chemicals. AMELAN® has excellent resistance to fuels, oils and fats, dilute acids and alkalines, cleaning fluids, most aqueous salt solutions and a wide variety of chemicals including aliphatic hydrocarbons.

AMELAN® plastic material (PBT) combines outstanding mechanical, thermal and electrical properties with excellent dimensional stability and resistance to chemicals. It is fit for action in chemical plants, in refineries, in the food processing industry, in wash-down areas and so on.



AMELAN® with increased resistance to many chemicals as:

- sea water
- detergents
- trichlorethylene
- toluene
- edible fat
- aqueous soap solution
- caustic soda
- motor oils
- milk
- caustic potash
- washing up liquid
- fruit juices
- diesel oil
- gasoline
- aqueous ammonia solution



Wall mounted ■ with screw terminals

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted socket top entry ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 10	16	3	1177	1178				
		16	4		1267	1268	1269		
		16	5			1			
		32	3	1368	1369	1370			
		32	4		1372	1373	1374		
		32	5			2			
	Wall mounted socket top and bottom entry ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 10	16	3	100*	101*	102*		2169*	2241*
		16	4	103*	104*	105*	106*	107*	108*
		16	5	109*	110*	111*	2000*	2188*	2199*
		32	3	1420	1421	1422		3139	3134
		32	4	1423	1424	1425	1426	1427	1428
		32	5	1555	1556	1557	3152	3154	3149
* Dimensions: page 10 / Drawing 1 MB 209 32A: Optionally fitted with auxiliary contact (see page 34).									
	Wall mounted socket SoftCONTACT, top and bottom entry ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 10	63	3	1136A	1137A				
		63	4		1140A	1141A	1142A		
		63	5		1144A	1145A			
Products with pilot contact: Part no. + index P.									
	Wall mounted socket top and bottom entry ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 10	16	3	1193	1192	1211			
		16	4	1194	1195	1196	1197	1212	1213
		16	5	1198	1199	1200			
		32	3	1201	1202	1203			
		32	4	1204	1205	1206	1207	1214	1215
		32	5	1208	1209	1210			
Optionally fitted with auxiliary contact (see page 34).									
	Wall mounted socket SoftCONTACT, top and bottom entry ⚡ IP 67 Std. Pack. Qty: 5 Dimensions: page 10	63	3	856	128A	129A			
		63	4	130A	131A	132A	133A		
		63	5	134A	135A	136A	2007A		
Products with pilot contact: Part no. + index P.									
	Wall mounted socket top and bottom entry ⚡ IP 67 Std. Pack. Qty: 3 Dimensions: page 10	125	3	on request					
		125	4	137	138	139	140		
		125	5	141	142	143	2139		
Products with pilot contact: Part no. + index P.									

Wall mounted ■ screwless, with TwinCONTACT

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted socket screwless, with TwinCONTACT, top entry ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 10	16	3	1340	1341				
		16	4		1342	1343	1344		
		16	5			31			
		32	3	1345	1346				
		32	4		1347	1348	1349		
		32	5			32			
	Wall mounted socket screwless, with TwinCONTACT, top and bottom entry ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 10	16	3	1719	1720	1721			
		16	4		1723	1724	1725	1726	1727
		16	5		1730	3331			
	Wall mounted socket screwless, with TwinCONTACT, top and bottom entry ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 10	16	4	1750	1751	418	1752	1753	1754
		16	5	1755	1756	419	1757		
		32	3	1851	420	1852			
		32	4	1855	1856	421	1857	1858	1859
		32	5	1860	1861	422	1862		1864
	Wall mounted socket screwless, with TwinCONTACT, top and bottom entry ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 10	16	3	1867	241	1868			
		16	4	1870	1871	242	1872	1873	1874
		16	5	1875	1876	200			
		32	3	1877	243	1878			
		32	4	1879	1880	244	1881	1882	1883
		32	5	1884	1885	245			
Optionally fitted with auxiliary contact (see page 34).									
	Double box screwless, with TwinCONTACT, CEE and socket SCHUKO® in one enclosure ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 10	16	4		1647	1648			
		16	5			1649			
	Double box screwless, with TwinCONTACT, CEE and socket SCHUKO® in one enclosure, with fuse holder, max. 10 A H ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 10	16	5			1650			
		32	5			1651			
Also available with French/Belgian, Danish and Swiss standards.									

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Wall mounted, switched and interlocked ■ IP 44

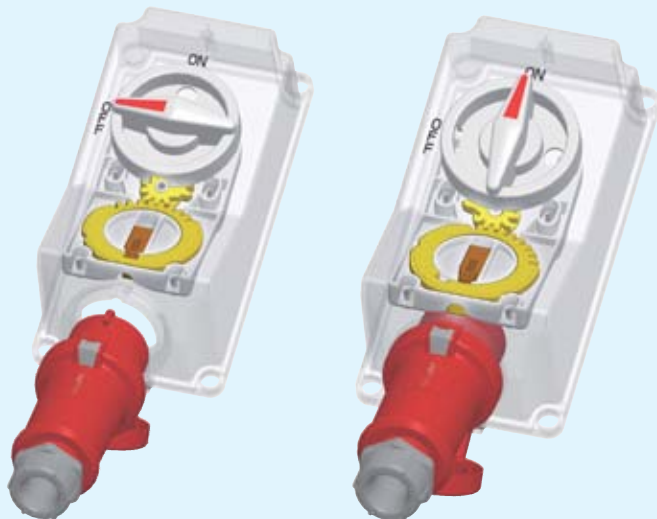
to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted socket switched, with mechanical DUO-interlock ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 10	16	3	7010A	7002A				
		16	4	5457A	5099A	5100A	5101A		
		16	5	5459A	5102A	5103A			
		32	3	5743A	5696A				
		32	4	5460A	5104A	5105A	5106A		
		32	5	5462A	5107A	5108A			
	Wall mounted socket SoftCONTACT, switched, with mechanical DUO-interlock ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 10	63	3	6569	6571				
		63	4		5955A	5956A	5957A		
		63	5			5959A			
	Wall mounted socket switched, with mechanical DUO-interlock ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 10	16	3	7602	7603				
		16	4		7604	7605	7606		
		16	5			7607			
		32	3	7611	7612				
		32	4		7613	7614	7615		
		32	5			7616			
	Wall mounted socket switched, with mechanical DUO-interlock ⚠ IP 44 Std. Pack. Qty: 1	16	3	7273	7274				
		16	4		7380	7275			
		16	5			7276			

DUO mechanical

After insertion and switching on, the plug is locked in the ON position.

After switching OFF and withdrawing the plug, the switch is locked.



Wall mounted, switched and interlocked ■ IP 67

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted socket switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	16	3	7011A	7012A				
		16	4		5599A	5600A	5601A		
		16	5		5602A	5603A			
		32	3	5924A	5793A				
		32	4		5604A	5605A	5606A		
		32	5		5607A	5608A			
	Wall mounted socket SoftCONTACT, switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	63	3	5925A	5911A				
		63	4		5109A	5110A	5111A		
		63	5		5112A	5113A	5759A		
	Wall mounted socket TorsionSpringCONTACT, switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	125	3	7060	7000				
		125	4		5887A	5691A	5690A		
		125	5		5888A	5692A			
	Wall mounted socket switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	16	3	7620	7621				
		16	4		7623	7624	7625		
		16	5			7626			
		32	3	7628	7629				
		32	4		7633	7634	7635		
		32	5			7636			
	Wall mounted socket switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 1	16	3	7277	7278				
		16	4		7381	7279			
		16	5			7280			

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Wall mounted, fused

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted socket protected by 1 RCD 30 mA ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 11	16	3	52111	24193				
		16	4			24194			
		16	5			24195			
		32	3	52120	24196				
		32	4			24197			
		32	5			24198			
	Wall mounted socket protected by 1 "C"-type MCB ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 11	16	3	52170	52171				
		16	4			52172			
		16	5			52173			
		32	3	52174	52175				
		32	4			52176			
		32	5			52177			
	Wall mounted socket protected by 1 RCD 30 mA and 1 "C"-type MCB ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 11	16	3	52131	24233				
		16	4			24234			
		16	5			24235			
		32	3	52140	24236				
		32	4			24237			
		32	5			24238			
	Wall mounted socket protected by 1 RCD 30 mA ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 11	16	3	52063	52064				
		16	4			52076			
		16	5			52077			
		32	3	52078	52079				
		32	4			52080			
		32	5			52081			
	Wall mounted socket protected by 1 RCD 30 mA and 1 "C"-type MCB ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 11	16	3	52093	52094				
		16	4			52096			
		16	5			52097			
		32	3	52098	52099				
		32	4			52100			
		32	5			52101			
	Wall mounted socket protected by 1 RCD 30 mA ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	16	3		7148MEL				
		16	4			7149MEL			
		16	5			7150MEL			
		32	4			7151MEL			
		32	5			7152MEL			

Wall mounted, fused

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted socket switched, with mechanical DUO interlock, protected by 1 RCD 30 mA ♦♦ IP 67 Std. Pack. Qty: 1 Dimensions: page 17	16	3	921380	922452				
		16	4			922517			
		16	5			922453			
		32	3	922519	921442				
		32	4			922518			
		32	5			922218			
	Wall mounted socket protected by 1 RCD 30 mA ♦♦ IP 67 Std. Pack. Qty: 1 Dimensions: page 17	16	3	920700	920649				
		16	4			920791			
		16	5			920278			
		32	3		921160				
		32	4			923296			
		32	5			921953			
	Wall mounted socket resistant to chemicals, made of AMELAN®, protected by 1 RCD 30 mA ♦♦ IP 67 Std. Pack. Qty: 1 Dimensions: page 17	16	3	923273	920821				
		16	4			923274			
		16	5			923275			
		32	3		923276				
		32	4			923297			
		32	5			923277			
	Wall mounted socket protected by 1 RCD 30 mA ♦♦ IP 67 Std. Pack. Qty: 1 Dimensions: page 17	63	3		920666				
		63	4			920668			
		63	5			920670			
	Wall mounted socket resistant to chemicals, made of AMELAN®, protected by 1 RCD 30 mA ♦♦ IP 67 Std. Pack. Qty: 1 Dimensions: page 17	63	3		922520				
		63	4			922521			
		63	5			922522			

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Wall mounted, switched, interlocked and fused

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>500 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted socket switched, with mechanical DUO-interlock, protected by 1 RCD 30 mA ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	16	3	52210	51392				
		16	4			24202			
		16	5			24203			
		32	3	52211	24204				
		32	4			24205			
		32	5			24206			
	Wall mounted socket switched, with mechanical DUO-interlock, protected by 1 RCD 30 mA and 1 "C"-type MCB ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	16	3	52213	51393				
		16	4			24242			
		16	5			24243			
		32	3	52214	24244				
		32	4			24245			
		32	5			24246			
	Wall mounted socket SoftCONTACT, switched, with mechanical DUO-interlock, protected by 1 RCD 30 mA ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	63	3	52212	24207				
		63	4			24208			
		63	5			24209			
	Wall mounted socket SoftCONTACT, switched, with mechanical DUO-interlock, protected by 1 RCD 30 mA and 1 "C"-type MCB ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	63	3	52215	24247				
		63	4			24248			
		63	5			24249			
	Wall mounted socket TorsionSpringCONTACT, switched, with mechanical DUO-interlock, protected by 1 RCD 30 mA ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	125	3		52030				
		125	4			52031			
		125	5			52032			
	Wall mounted socket TorsionSpringCONTACT, switched, with mechanical DUO-interlock, protected by 1 RCD 100 mA ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	125	3		52033				
		125	4			52034			
		125	5			52035			
For 125A DUO-sockets, add-on equipment is required to install a padlock.									

For 125A DUO-sockets, add-on equipment is required to install a padlock.

For 125A DUO-sockets, add-on equipment is required to install a padlock.

Wall mounted, high resistance to chemicals, made of AMELAN®

to DIN VDE 0623, EN 60309-2. Colour: grey (RAL 7000) and colour code. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted socket with highly heat resistant contact carrier and nickel plated contacts, top and bottom entry ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 10	16	3	3923	3767				
		16	4			3768			
		16	5			3769			
		32	3		3770				
		32	4			3771			
		32	5			3772			
	Wall mounted socket SoftCONTACT, with highly heat resistant contact carrier and nickel plated contacts, top and bottom entry ⚡ IP 67 Std. Pack. Qty: 5 Dimensions: page 10	63	4			3773			
		63	5			3774			
	Wall mounted socket with highly heat resistant contact carrier and nickel plated contacts, switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 11	16	3	7388	7283				
		16	4			7284			
		16	5			7285			
		32	3		7286				
		32	4			7287			
		32	5			7288			
	Wall mounted socket SoftCONTACT, with highly heat resistant contact carrier and nickel plated contacts, switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	63	4			7289			
		63	5			7290			
		125	5			7398			
	Wall mounted socket 63A: SoftCONTACT, with highly heat resistant contact carrier and nickel plated contacts, switched, with mechanical DUO-interlock, with DIN rail ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	16	3	7051ZC	7394				
		16	4			7291ZA			
		16	5			7292			
		32	3		7356				
		32	4			7293ZC			
		32	5			7294			
		63	4			7295			
		63	5			7296			

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
				Part numbers					
	Surface mounted socket Cepex grey ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 11	16	3	4101	4102				
		16	4		4254	4103	4104		
		16	5			4105			
		32	3	4106	4107				
		32	4			4108			
		32	5			4110			
				Amend index YA to part number for version without rubber gland.					
	Surface mounted socket Cepex grey, with labelling field ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 11	16	3		4132				
		16	4			4133			
		16	5			4135			
		32	3		4137				
		32	4			4138			
		32	5			4140			
	Panel mounted socket Cepex pearl white ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 11	16	3	4111	4112				
		16	4		4233	4113	4114		
		16	5			4115			
		32	3	4116	4117				
		32	4			4118	4119		
		32	5			4120			
	Flush mounted socket Cepex pearl white, with flush mounted installation box ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 11	16	3	4121	4122				
		16	4		4205	4123	4124		
		16	5			4125			
		32	3	4126	4127				
		32	4			4128			
		32	5			4130			
	Surface mounted duplex socket Cepex grey ⚠ IP 44 Std. Pack. Qty: 5/4 Dimensions: page 11	16	3	4218	4219				
		16	4		4258	4220			
		16	5			4204			
		32	3		4224				
		32	4		4259				
		32	5			4226			
				Amend index YA to part number for version without rubber gland.					
	N.B.: All above mentioned types are available in three designs and with SCHUKO® insert: – with smooth cover (as shown above, picture 1) – with labelling field (as shown above, picture 2) – with labelling field and lockable cover (dimensions: page 11) Also available with data port inserts. For products see page 83. Distance frame on request. All Cepex sockets and receptacles from 16A 3p up to 32A 5p have the same outer dimensions.	16	3						
		16	4						
		16	5						
		32	3						
		32	4						
		32	5						

Panel mounted ■ with screw terminals

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Panel mounted socket flange 75 x 75 mm, straight ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1365	1366	1367		3054	3055
		16	4	1388	1389	1390	1391	1392	1393
		16	5	1384	1386	1385	3057	3059	3060
		32	3	1394	1395	1396			
		32	4	1397	1398	1399	1400	1401	1402
		32	5	3449	3454	3451	3452	3455	3447
	Panel mounted socket SoftCONTACT, flange 107 x 100 mm, straight ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 12	63	3	1260A	1261A				
		63	4		1247A	1248A	1249A		
		63	5			1252A			
Products with pilot contact: Part no. + index P.									
	Panel mounted socket flange 16A, 3p: 73.5 x 64 mm, 16A 4+5p, 32A: 100 x 92 mm, 20° inclination ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1462	1463	1464		3186	3187
		16	4	1465	1466	1467	1468	1469	1470
		16	5	1471	1472	1473	3188	3189	3190
		32	3	1491	1492	1493		3201	3202
		32	4	1494	1495	1496	1497	1486	1487
		32	5	1498	1499	1500	3191	3192	3193
32A: Optionally fitted with auxiliary contact (see page 34).									
	Panel mounted socket SoftCONTACT, flange 110 x 106 mm, 20° inclination ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 12	63	3	1146A	1147A	1148A			
		63	4	1149A	1150A	1151A	1152A		
		63	5	1153A	1154A	1155A			
Products with pilot contact: Part no. + index P.									
	Panel mounted socket standard flange dimensions 85 x 85 mm, 20° inclination ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	3	3031	3036				
		16	4			3072	3074		
		16	5			3093			
		32	3	3110	3112		3137		
		32	4		3140	3136	3114		
		32	5			3153			
Optionally fitted with auxiliary contact (see page 34).									
	Panel mounted socket 20° inclination miniflange: 68 x 62 mm ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	3	858	857				
		16	4						
		16	5						
		32	3						
		32	4						
		32	5						

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Panel mounted ■ with screw terminals

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Panel mounted socket flange 16A: 75 x 75 mm, 32A: 85 x 75 mm, straight ♦♦ IP 67 Std. Pack. Qty: 10 Dimensions: page 12	16	3	217A	218A	219A			
		16	4	220A	221A	222A	223A	224A	225A
		16	5	226A	227A	228A			
		32	3	229A	230A	231A			
		32	4	232A	233A	234A	235A	236A	237A
		32	5	238A	239A	240A			
	Panel mounted socket flange 63A: 107 x 100 mm, 125A: 130 x 130 mm, straight, 63A: SoftCONTACT, 125A: TorsionSpringCONTACT ♦♦ IP 67 Std. Pack. Qty: 5 Dimensions: page 12	63	3	1263A	1264A	1265A			
		63	4	1122A	1123A	1124A	1125A		
		63	5	1126A	1127A	1128A			
		125	3		3380				
		125	4	1455	1456	1457	1458		
		125	5	1459	1460	1461	3283		
Products with pilot contact: Part no. + index P.									
	Panel mounted socket flange 16A, 3p: 73.5 x 64 mm, 16A 4+5p, 32A: 100 x 92 mm, 20° inclination ♦♦ IP 67 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1474	1475	1476			
		16	4	1477	1478	1479	1480	1481	1482
		16	5	1483	1484	1485			
		32	3	1501	1502	1503			
		32	4	1504	1505	1506	1507	1567	1568
		32	5	1489	1490	1551			
32A: Optionally fitted with auxiliary contact (see page 34).									
	Panel mounted socket flange 63A: 110 x 106 mm, 20° inclination, 125A: 114 x 110 mm, 15° inclination, 63A: SoftCONTACT, 125A: TorsionSpringCONTACT ♦♦ IP 67 Std. Pack. Qty: 5 Dimensions: page 12	63	3	2179A	2180A	2181A			
		63	4	203A	204A	205A	206A		
		63	5	207A	208A	209A	3507		
		125	3		3575				
		125	4	210A	211A	212A	213A		
		125	5	214A	215A	216A			
Products with pilot contact: Part no. + index P.									
	Panel mounted socket standard flange dimensions 85 x 85 mm, 20° inclination ♦♦ IP 67 Std. Pack. Qty: 10 Dimensions: page 12	16	3	903	905				
		16	4			1081	1082		
		16	5			1103			
		32	3	3197	3200				
		32	4			3254	3256		
		32	5			3524			
Optionally fitted with auxiliary contact (see page 34).									
	Auxiliary contact Suitable for many of the standard sockets and panel mounted receptacles from 16A 3p up to 32A 5p. Std. Pack. Qty: 10	41000							

Panel mounted ■ screwless, with TwinCONTACT

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Panel mounted socket screwless, with TwinCONTACT, flange: 75 x 75 mm, straight ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1667	1668	1669			1671
		16	4	1672	1673	1674	1675	1676	1677
		16	5	1678	1679	3385	1680		1682
		32	3	1786	1787	1788			
		32	4	1789	1790	1791	1792	1793	1794
		32	5	1795	1796	1797	1798		1800
	Panel mounted socket screwless, with TwinCONTACT, flange 16A, 3p: 73.5 x 64 mm, 16A, 4 + 5p, 32A: 100 x 92 mm, 20° inclination ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1631	1632	1633			1635
		16	4	1636	1637	1638	1639	1640	1641
		16	5	1642	1643	3473	1644		1646
		32	3	1733	1734	1735			1737
		32	4	1738	1739	1740	1741	1742	1743
		32	5	1744	1745	1746	1747		1749
32A: Optionally fitted with auxiliary contact (see page 34).									
	Panel mounted socket screwless, with TwinCONTACT, standard flange dimensions 85 x 85 mm, 20° inclination ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	3	3004	3008				
		16	4			3048	3049		
		16	5			3070			
		32	3	3124	3126				
		32	4			3155	3157		
		32	5			3171			
Optionally fitted with auxiliary contact (see page 34).									
	Panel mounted socket screwless, with TwinCONTACT, mini flange 55 x 55 mm, straight ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1618	1619				
	Panel mounted socket RAPIDO® , screwless, with TwinCONTACT with central locking system, round flange for central fixing, diam. 61 mm ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	3	1132	997				
	Panel mounted socket RAPIDO® , screwless, with TwinCONTACT with central locking system, round flange for central fixing, diam. 70 mm ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	4		1133	998	1134		
		16	5			907			
		32	3	1135	987				
		32	4		1166	988	1167		
		32	5			989			

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Panel mounted ■ screwless, with TwinCONTACT

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V 50 a. 60 Hz		230V 50 a. 60 Hz		400V 50 a. 60 Hz		500V 50 a. 60 Hz		>50 - 500V 100 - 300 Hz		>50 - 500V >300 - 500 Hz							
				3p 4h	4p 4h	5p 4h	3p 6h	4p 9h	5p 9h	3p 9h	4p 6h	5p 7h	3p 7h	4p 7h	5p 7h	3p 10h	4p 10h	5p 10h	3p 2h	4p 2h	5p 2h
				Part numbers																	
	Panel mounted socket screwless, with TwinCONTACT, flange: 16A: 75 x 75 mm, 32A: 85 x 75 mm, straight ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1707	1708	1709															
		16	4	1710	1711	1712	1713	1714	1715												
		16	5	1716	1717	1131															
		32	3	1809	1810	1811															
		32	4	1812	1813	1814	1815	1816	1817												
		32	5	1818	1819	1820															
	Panel mounted socket screwless, with TwinCONTACT, flange: 16A, 3p: 73.5 x 64 mm, 16A, 4 + 5p, 32A: 100 x 92 mm, 20° inclination ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1700	1701	1702															
		16	4		1703	1704	1705	1706													
		16	5			3485															
		32	3	1801	1802	1803															
		32	4		1804	1805	1806	1807													
		32	5			1808															
32A: Optionally fitted with auxiliary contact.																					
	Panel mounted socket screwless, with TwinCONTACT, standard flange dimensions 85 x 85 mm, 20° inclination ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 12	16	3	1158	1168																
		16	4			1169	1171														
		16	5			1173															
		32	3	3566	3573																
		32	4			3581	3587														
		32	5			3590															
Optionally fitted with auxiliary contact.																					
	Auxiliary contact Suitable for many of the standard sockets and panel mounted receptacles from 16A 3p up to 32A 5p. Std. Pack. Qty: 10	41000																			

	Auxiliary contact
	Function: Change-over contact = NC/NO
	Connected load: 16A (4A)* / ~ 250V 10A (3A)* / ~ 400V
	*for inductive or motor load

Panel mounted, switched and interlocked

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Panel mounted socket switched, with mechanical DUO-interlock ⚠ IP 44 Std. Pack. Qty: 1 Dimensions: page 13	16	3	7502	7503				
		16	4		7504	7505	7506		
		16	5			7507			
		32	3	7511	7512				
		32	4		7513	7514	7515		
		32	5			7516			
	Panel mounted socket switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 13	16	3	7520	7521				
		16	4		7523	7524	7525		
		16	5			7526			
		32	3	7530	7531				
		32	4		7533	7534	7535		
		32	5			7536			

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

StarTOP®, ProTOP and AM-TOP®

Handy features.
Versatile.
Safe.

MENNEKES offers a wide range of CEE plugs and connectors for various applications. Characteristic for all: Simple handling, robust and many other design features.



StarTOP® with SafeCONTACT: Proven insulation displacement technique for plugs and connectors

Removes the need to strip back the conductor insulation and pre-treating the conductors. The separate insulation will securely fasten the conductor in position in just one step.

Suitable for flexible and solid conductors from 1.5 - 2.5 mm² at 16A and flexible conductors from 2.5 - 6.0 mm² at 32A.



SafeCONTACT – screwless connection techniques from MENNEKES. Simple handling and mounting cuts labour to a minimum. That represents a maximum of time saving. Clearly labelled terminals for error-free connection.



AM-TOP®: Easy and robust

Many practice orientated details. Single part body, on request with highly heat resistant contact carrier and nickel plated contacts. Cable gland with internal strain relief.



ProTOP: Convenient and reliable

Many handy features, e.g., the self-locating thread for tight and stable connection of cover and front part. Cable gland with internal strain relief.

PowerTOP® Xtra

PowerTOP® Xtra.

Extra slip-proof.

Extra shock-resistant.

Extra protected.

Plugs and connectors for toughest conditions – that's PowerTOP® Xtra. The unique rubber coating of the contact surfaces and the ergonomic design guarantees best grip – even with working gloves.

Tough

The plugs provide better corrosion protection thanks to nickel plated contacts. More safety through highly heat resistant contact carriers.



Easy and fast installation

- Substantially reduced installation times through largely tool-free installation.
- Locking slides instead of screws and especially smooth cable gland with integrated strain relief, seal and protection against kinking.

Always clean, always safe

- As the cable glands are in contact with the body of the plug and connector, the areas for the ingress of dirt are reduced and allow for easy cleaning in areas where hygiene is of prime importance.
- Moulded seals in the connector lid and the front part of the plug.
- Integrated opening aid on the connector lid.



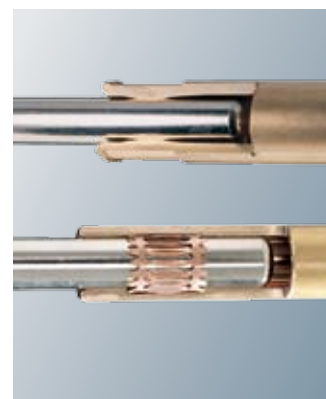
- Connectors with highly heat resistant contact carrier; nickel plated contact sleeves also available on request. Pilot contact standard with plugs; optionally available for connectors.



- Comfortable self-locating thread lock between front and back part.

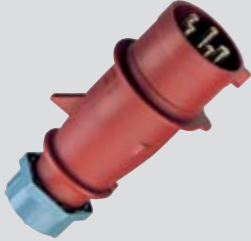


- Stable and fast locking without screws. Unlocking only with just a tool according to the regulations.



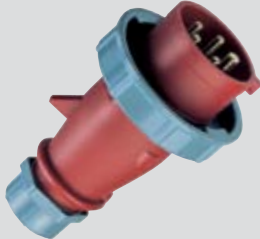
- Secure contact as well as convenient inserting and withdrawal through SoftCONTACT at 63A and TorsionSpringCONTACT at 125A.

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Plug AM-TOP® with screw terminals, single part body, cable gland and sealing, strain relief and protection against kinking ⚠ IP 44 Std. Pack. Qty: 10	16	3	247	248	249		2168	2271
		16	4	250	251	252	253	254	255
		16	5	256	257	3	2014	2189	2243
		32	3	259	260	261		2195	234
		32	4	262	263	264	265	266	267
		32	5	268	269	4	2015	2244	2178
	Plug ProTOP with screw terminals, cable gland and sealing, strain relief and protection against kinking, enclosure with thread lock and safety slide ⚠ IP 44 Std. Pack. Qty: 10	16	3	147A	148A				
		16	4		151A	152A	153A		
		16	5			13A			
		32	3	159	160				
		32	4		163	164	165		
		32	5			14A			
	Plug StarTOP® screwless, with SafeCONTACT with insulation displacement technique, cable gland and seal- ing, strain relief and protection against kinking, enclosure with thread lock and safety slide ⚠ IP 44 Std. Pack. Qty: 10	16	3	947	948				
		16	4		951	952	953	954	
		16	5			33			
		32	3	711	712				
		32	4		717	719	723		
		32	5			34			
	Plug PowerTOP® Xtra rubberised handle area, highly heat resistant contact carrier, frame terminals, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking ⚠ IP 44 Std. Pack. Qty: 5	63	3	13101	13102				
		63	4		13105	13106	13107		
		63	5		13111	13112			
	Angled plug VarioTOP with rotating enclosure ⚠ IP 44 Std. Pack. Qty: 10	16	5		3981	3980			
		16	5		3983	3982			
	Angled plug with grommet ⚠ IP 44 Std. Pack. Qty: 10	16	3	1410	1411	1412			
		16	4	890	891	315			
		32	3	3312	3306				
		32	4		3646	3987			
		32	5		3424	3266			

Plugs ■ IP 67

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Plug AM-TOP® with screw terminals, single part body, cable gland and sealing, strain relief and protection against kinking ♦♦ IP 67 Std. Pack. Qty: 10	16	3	277	278	279			
		16	4	280	281	282	283	284	285
		16	5	286	287	288			
		32	3	289	290	291			
		32	4	292	293	294	295	296	297
		32	5	298	299	300			
	Plug PowerTOP® with external cable grip, highly heat resistant contact carrier and nickel plated contacts ♦♦ IP 67 Std. Pack. Qty: 10	16	3	3794	3796	3799			
		16	4	3807	3811	3809	3810		
		16	5	3819	3823	3821			
		32	3	3829	3830	3832			
		32	4	3839	3844	3841	3842		
		32	5	3851	3855	3853			
	Plug PowerTOP® Xtra rubberised handle area, highly heat resistant contact carrier, frame terminals, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking ♦♦ IP 67 Std. Pack. Qty: 5	63	3	13201	13202	13203			
		63	4	13204	13205	13206	13207	13208	13209
		63	5	13210	13211	13212	13213		13214
		125	3	13215	13216				
		125	4	13217	13218	13219	13220		
		125	5	13223	13224	13225	13226		13227
	Protective cover for IP 67 inlets and plugs Std. Pack. Qty: 50	16,	3p				40784		
		16,	4p				40778		
		16,	5 + 7p				40785		
		32,	3 + 4p				40841		
		32,	5 + 7p				40786		
		63,	3, 4 + 5p				40787		
		125,	3, 4 + 5p				40788		
	Plug-Guard prevents insertion of the plug that unauthorised persons cannot use appliances or installations. Std. Pack. Qty: 1	60757M							
		Plug guard Fits all CEE plugs, panel mounted and wall mounted inlets from 16A, 3p up to 125A, 5p (not suitable for low voltage).							

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Wall mounted inlets

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted inlet for internal and external fixing ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	3	843	844				
Hinged lids for retrofitting for wall mounted inlets see position 6 on this page.									
	Wall mounted inlet with hinged lid, for internal and external fixing ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	3	846	847				
	Wall mounted inlet for external fixing ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	4			800			
		16	5			801			
		32	3		802				
		32	4			803			
		32	5			804			
	Wall mounted inlet cable entry also possible from the rear, knock-out section on the bottom part of the back box ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	3	331	332	333			
		16	4	334	335	336	337	921	922
		16	5	340	341	342	2359	2668	2400
		32	3	343	344	345			
		32	4	346	347	348	349		
		32	5	352	353	354	2386		
	Wall mounted inlet ⚡ IP 67 Std. Pack. Qty: 5/3 Dimensions: page 13	63	3	1216	1107	1217			
		63	4	355	356	357	358		
		63	5	359	360	361			
		125	4	362	363	364	365		
		125	5	366	367	368			
	Hinged lid for retrofitting for wall mounted inlets Std. Pack. Qty: 10 Dimensions: page 13	for part no. 843 and 844						41482	
		for part no. 800, 801 and 3517						41489	

Panel mounted inlets

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Panel mounted inlet 16A: flange 66 x 66 mm, fixing distance 52 x 52 mm 32A: flange 72 x 72 mm, fixing distance 60 x 60 mm ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 14	16	5			1408			
		32	5			1409			
A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.									
	Panel mounted inlet flange 75 x 75 mm, fixing distance 60 x 60 mm ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 14	16	5			853			
A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.									
	Panel mounted inlet with nickel plated contacts ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 14	16	3	810	812				
		16	4		837	813	814		
		16	5			815			
		32	3	816	817				
		32	4		838	819	820		
		32	5			821			
		A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.							
	Panel mounted inlet with highly heat resistant contact carrier and nickel plated contacts ⚠ IP 44 Std. Pack. Qty: 5 Dimensions: page 14	63	3	822	1981				
		63	4		1984	1982	824		
		63	5			1688			
A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.									
	Panel mounted inlet with nickel plated contacts ⚠ IP 67 Std. Pack. Qty: 10 Dimensions: page 14	16	3	825	826				
		16	4		839	827	828		
		16	5			829			
		32	3	830	831				
		32	4		840	832	833		
		32	5			834			
		A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.							
	Panel mounted inlet with highly heat resistant contact carrier and nickel plated contacts ⚠ IP 67 Std. Pack. Qty: 5 Dimensions: page 14	63	3	835	836				
		63	4		3704	3656	3657		
		63	5			3658			
		125	3		3665				
		125	4		3413	3583	3600		
		125	5			1983			
		63A: A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature							

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Panel mounted inlets

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Panel mounted inlet ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	4		372	373	374		
		16	5	377	378	379			
		32	3	380	381	382			
		32	4	383	384	385	386		
		32	5	389	390	391			
	Panel mounted inlet with hinged lid ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 14	16	4	392	393	394	395		
		16	5	398	399	400			
		32	3	401	402	403			
		32	4	404	405	406	407		
		32	5	410	411	412			

Phase sequence test plugs

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Phase sequence test plug	16	4		3527	3458	3459		
			5		3231	1414			
			4		3528	3460	3461		
			5		3232	1415			
			4		3420	1436	3917		
			5			1437			

 IP 44
Std. Pack. Qty: 5

Phase sequence test plugs

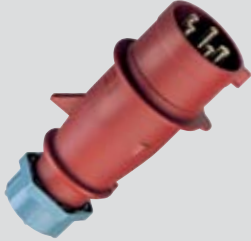
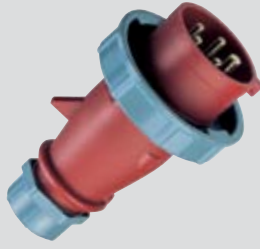
The test plug enables safe control of the direction of the rotating field for CEE sockets.

- **Correct rotating field:**
Green lamp lights up.
- **Incorrect rotating field:**
Red lamp lights up.
- **Phase missing:**
Both lamps light up.

The control lamps inside the transparent enclosure are arranged so as to be perfectly visible from all sides.

Phase inverter plugs

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Phase inverter plug AM-TOP® with screw terminals, single part body, cable gland and sealing, strain relief and protection against kinking ⚠ IP 44 Std. Pack. Qty: 10	16	4		338	339			
		16	5		318	319			
		32	4		396	397			
		32	5		321	322			
	Phase inverter plug ProTOP with screw terminals, cable gland and sealing, strain relief and protection against kinking, enclosure with thread lock and safety slide ⚠ IP 44 Std. Pack. Qty: 10	16	5			3319A			
		32	5			3322			
	Phase inverter plug AM-TOP® with screw terminals, single part body, cable gland and sealing, strain relief and protection against kinking ⚠ IP 67 Std. Pack. Qty: 10	16	4		3338	3339			
		16	5			325			
		32	4		3340	3341			
		32	5		327	328			
	Phase inverter angled plug VarioTOP with rotating enclosure ⚠ IP 44 Std. Pack. Qty: 5	16	5			859			



4- and 5-pole phase inverters - making life easier

If three phase equipment rotates in the wrong direction the MENNEKES phase inverter plug solves the problem rapidly and safely.

Simply depress the latch with a screw-driver and turn the insulating element in which the two phase pins are fitted and the motor will rotate in the correct direction. Anybody can do this – no specialised knowledge of the workings of electrical equipment is required.

Using a phase inverter to change over the two phase conductors is a recognised technique of "operating electrical equipment".

Two outer conductors rotatable through 180°.

Phase inverter inlets

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Wall mounted phase inverter inlet ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	5			3517			
		32	5			3523			
Hinged lid as assembly kit for part no. 3517 see page 40.									
	Wall mounted phase inverter inlet ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	4		3342	3343			
		16	5			2511			
		32	4		3345	3346			
		32	5		3347	2478			
	Panel mounted phase inverter inlet ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	4		3357	855			
		16	5			329			
		32	4		3367	3368			
		32	5		913	330			
	Panel mounted phase inverter inlet with hinged lid ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 14	16	4		3348	3350			
		16	5			20970			
		32	4		3355	3356			
		32	5		3717	21241			
	Panel mounted phase inverter inlet flange 75 x 75 mm, fixing distance 60 x 60 mm ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 14	16	5			854			
A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.									

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h	3p 4p 5p 10h 10h 10h	3p 4p 5p 2h 2h 2h
Part numbers									
	Connector AM-TOP® with screw terminals, single part body, cable gland and sealing, strain relief and protection against kinking ⚠ IP 44 Std. Pack. Qty: 10	16	3	509	510*	511		2441	2517
		16	4	512	513	514	515	516	517
		16	5	518	519	5	2026	2193	2495
		32	3	521	522	523		2196	2674
		32	4	524	525	526	527	528	529
		32	5	530	531	6	2027	2245	2493
* For use on camping sites, please select type 180 AC.									
	Connector ProTOP with screw terminals, cable gland and sealing, strain relief and protection against kinking, enclosure with thread lock and safety slide ⚠ IP 44 Std. Pack. Qty: 10	16	3	179A	180A*	181A			
		16	4		193A	194A	195A		
		16	5			15A			
		32	3	121	122				
		32	4		125	126	127		
		32	5			16A			
* For use on camping sites, please select type 180 AC.									
	Connector StarTOP® screwless, with SafeCONTACT with insulation displacement technique, cable gland and seal- ing, strain relief and protection against kinking, enclosure with thread lock and safety slide ⚠ IP 44 Std. Pack. Qty: 10	16	3	979	980*				
		16	4		993	994	965	996	
		16	5			35			
		32	3	725	731				
		32	4		761	763	765		
		32	5			36			
* For use on camping sites, please select type 180 AC.									
	Connector PowerTOP® Xtra SoftCONTACT, rubberised handle area, highly heat resistant contact carrier, frame terminals, cable gland and sealing, strain relief and protection against kinking ⚠ IP 44 Std. Pack. Qty: 5	63	3	14101	14102				
		63	4		14105	14106	14107		
		63	5		14111	14112			
Products with pilot contact: Part no. + index P.									
	Angled Connector with grommet ⚠ IP 44 Std. Pack. Qty: 10	16	3		1438				

Connectors ■ IP 44 and IP 67

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V	>50 - 500V	>50 - 500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100 - 300 Hz	>300 - 500 Hz
				3p 4p 5p	3p 4p 5p	3p 4p 5p	3p 4p 5p	3p 4p 5p	3p 4p 5p
				4h 4h 4h	6h 9h 9h	9h 6h 6h	7h 7h 7h	10h 10h 10h	2h 2h 2h
Part numbers									
	Connector AM-TOP® with screw terminals, single part body, cable gland and sealing, strain relief and protection against kinking ⚡ IP 67 Std. Pack. Qty: 10	16	3	539	540	541			
		16	4	542	543	544	545	546	547
		16	5	548	549	550			
		32	3	551	552	553			
		32	4	554	555	556	557	558	559
		32	5	560	561	562			
	Connector PowerTOP® with external cable grip and highly heat resistant contact carrier ⚡ IP 67 Std. Pack. Qty: 10	16	3	3859	3860	3862			
		16	4	3869	3873	3871	3872		
		16	5	3879	3883	3881			
		32	3	3887	3888	3891			
		32	4	3896	3899	3897	3898		
		32	5	3905	3909	3907			
	Connector PowerTOP® Xtra SoftCONTACT, rubberised handle area, highly heat resistant contact carrier, frame terminals, cable gland and sealing, strain relief and protection against kinking ⚡ IP 67 Std. Pack. Qty: 5	63	3	14201	14202	14203			
		63	4	14204	14205	14206	14207	14208	14209
		63	5	14210	14211	14212	14213		14214
	Connector PowerTOP® Xtra TorsionSpringCONTACT, rubberised handle area, highly heat resistant contact carrier, frame terminals, cable gland and sealing, strain relief and protection against kinking ⚡ IP 67 Std. Pack. Qty: 5	125	3	14215	14216				
		125	4	14217	14218	14219	14220		
		125	5	14223	14224	14225	14226		14227
	Hanging connector with cable gland ⚡ IP 44 Std. Pack. Qty: 10	16	5			3778			
		32	5			3999			
	Hanging clip for PowerTOP® plugs and connectors Std. Pack. Qty: 100	for 16A, 3 to 5p and 32A, 3 + 4p						15453000	
		for 32A, 5p						15452000	

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

AMAXX® by MENNEKES

The right
combination for
each application.



A approach to combination units

Extensively configurable combination units in six different sizes – the AMAXX® range by MENNEKES. With an appealing and unique design in many variations for almost all applications. With our extended program, you have three good extra reasons to opt for AMAXX® combination units.



The AMAXX® combination with five segments completes the program. We also feature large-scale combinations with all known AMAXX® advantages.

The smallest AMAXX® combination with one segment rounds off the program. It is available in protection type IP 44 and IP 67 as well as from 16A, 3p up to 32A, 5p and as AMAXX® DUO switched and interlocked.

AMAXX®s is the socket combination for restricted installation in widths and depths. It can be optionally attached on the side or swivel-mounted.

The space-saver AMAXX®s

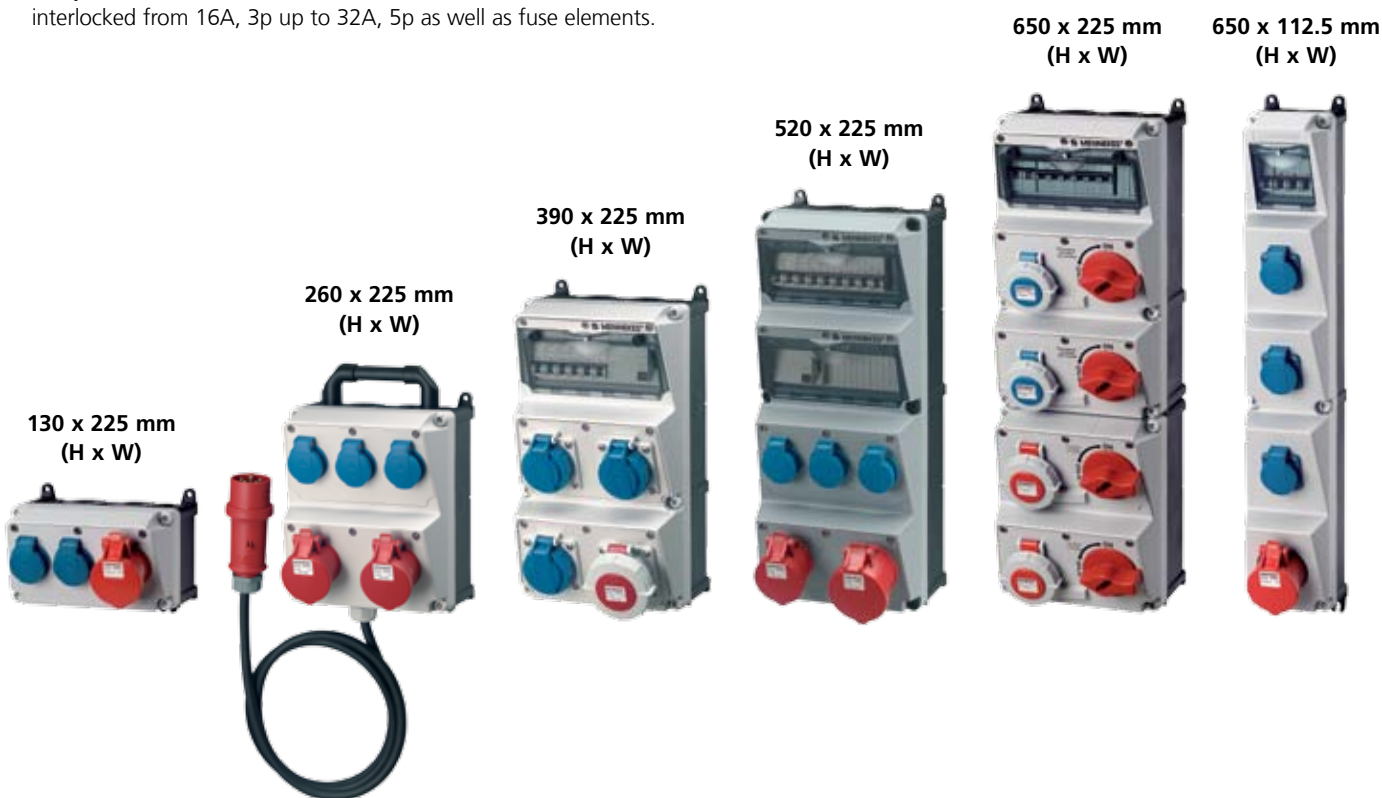
AMAXX®s is the optimum solution for restricted spaces. Besides mounting on the rear, you can also mount it on the right or the left thanks to the optionally available attachment set. Or you opt for the variant that can be swivelled by 90 degrees to the left or the right for even more comfortable application.



AMAXX® by MENNEKES

Variety of versions

- Protection types: IP 44 and IP 67.
- Enclosure materials: AMAPLAST or especially chemical-resistant AMELAN®
- Colours: bottom part black, top part grey, silver (IP 44), yellow or red.
- Equipped with: CEE sockets from 16A, 3p up to 63A, 5p, grounding-type sockets in acc. with many national standards, DUO sockets switched and interlocked from 16A, 3p up to 32A, 5p as well as fuse elements.

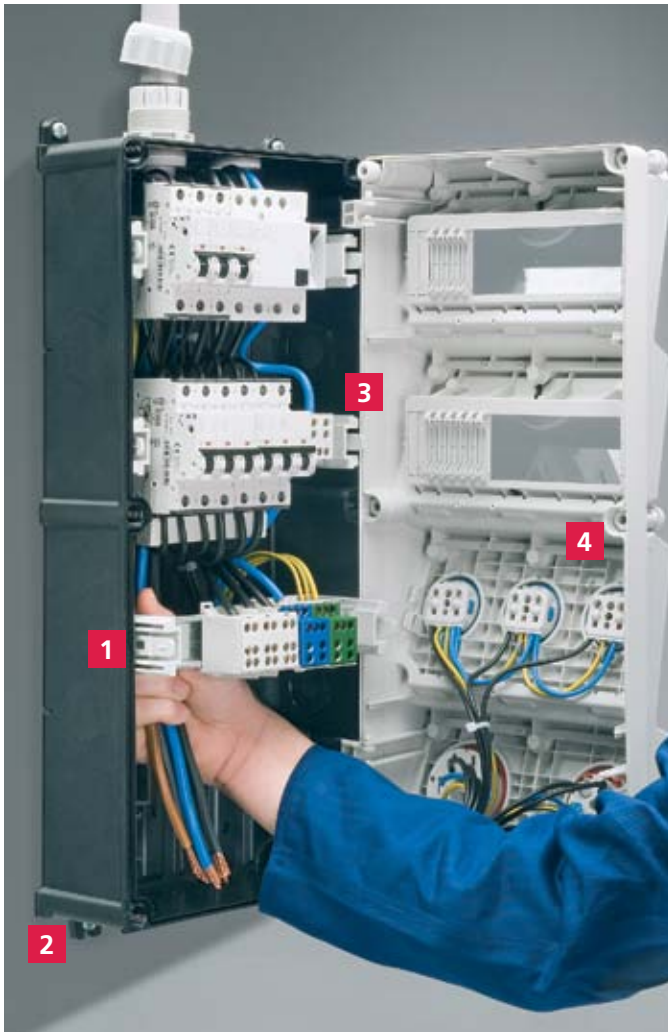


International

AMAXX® Combination units are also perfectly suited for the international market with many different standards. For example: British, French/Belgian, Danish and Swiss standard as well as the NEMA standard (USA and Canada). Please contact us.



Easy to install



Unique advantages

1 Lifiable DIN rails.

Lifiable DIN rails and a large, smooth wiring space significantly ease the insertion as well as connection of large cables.

2 One-man installation.

Shorter installation times with the new, user-friendly external fixing.

3 Hinged cover.

The hinged cover, which opens to one side, eases connection work.

4 Ready for application.

All combinations are pre-wired for installation and tested for electric safety and quality.



- Both hands free because inspection windows fold downwards.



- Window can be locked with a padlock, enclosure can be sealed.



- Generally angled insertion direction, also with sockets SCHUKO®.



- Especially fast opening and closing of the enclosure due to captive double-threaded cover screws.

For ceiling, wall and floor

Electrical power.
Data.
Compressed air.

You need electrical power, compressed air, data? Safe and flexible? For ceilings and floors?

Go for AirKRAFT® or 3KRAFT®. Characteristic for both: Suspended from the ceiling, attached to the wall, or portable with a supply cable, also available in signal yellow, red or silver. The choice is yours!



AirKRAFT® and 3KRAFT®

Up to four sockets plus compressed air. Ready for connection or operation, with a supply cable and plug.



Awards

AirKRAFT® and 3KRAFT® have been awarded with many design prizes among the famous reddot award.



DELTA-BOX - the classic unit

With cable grip. Enclosure and insert from impact and temperature resistant AMAPLAST. Available in IP 44, IP 67 and IP 68.



Socket strips - the versatile units

Suspendable, portable or for wall mounting. Ready for connection. With cable gland. Available in IP 44.



Notice for the use of mobile power distribution boxes:

Please consider when using sockets SCHUKO® that due to the construction the degree of protection is achieved only when the lid is closed. Otherwise the ingress of water at the ground contact area may not be prevented

Notice for the use of mobile power distribution boxes with RJ45 data sockets:

The installed data sockets without lid and the Micro Lynx lamps have a degree of protection of IP 20 which is reducing the degree of the whole unit accordingly.

Solid rubber and stainless steel

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Safe.
Robust.
Versatile.

EverGUM - solid rubber socket combinations

Especially when there is likely to be exposure to rough handling or aggressive cleaning agents.

- Resistant to weather and ageing.
- High dimensional stability and precision.
- Good resistance to acids and alkalis.
- High dielectric strength and creep resistance.



Solid rubber socket combinations, portable

The all-round power-packages for mobile use in industry, craft and trade. They can accept quite a knock – neither their shape nor their function will be impaired. Additional benefit: they are stackable which allows space-saving storage.



Steel and stainless steel

MENNEKES stainless steel products are made from high grade stainless V2A steel (material 1.4301). Wherever dependable protection against unauthorised access is required. MENNEKES stainless steel combinations are the equipment of choice.

- Wind and weatherproof.
- Attractive design.
- Easy and swiftly installed.
- Durable.
- Surface or flush mounted.



AMAXX® - standard made of AMAPLAST

pre-wired for installation, ▲ IP 44

Enclosure front cover electric grey RAL 7035, hinged to the side (except enclosure size 130 x 225 mm and 650 x 112.5 mm), fusing behind a transparent cover.

Dimensions: page 17.

For more combinations in various national standards, please contact us or visit www.AMAXX.info

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories



CEE sockets

Sockets British standard

3 x 13A, 2p+E, 230V

Fusing

1 RCD 40A, 4p, 0.03A
3 MCB's 13A, 1p, C

Connection

For 1 cable up to 5 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

921015



CEE sockets

1 CEE 16A, 5p, 400V

Sockets British standard

2 x 13A, 2p+E, 230V

Fusing

1 RCD 40A, 4p, 0.03A
1 MCB 16A, 3p, C
2 MCB's 13A, 1p, C

Connection

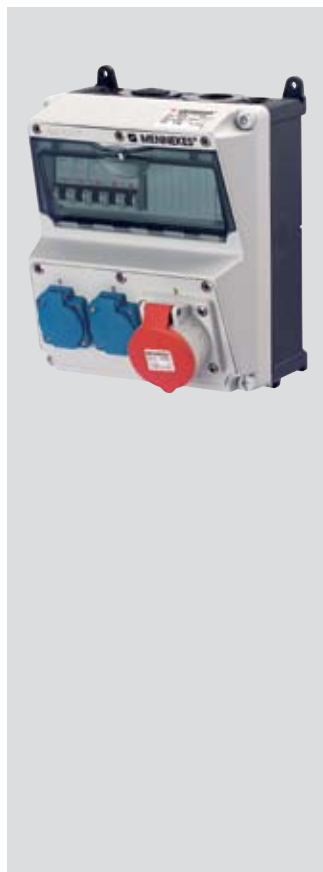
For 1 cable up to 5 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

920286



CEE sockets

1 CEE 16A, 5p, 400V

Sockets British standard

2 x 13A, 2p+E, 230V

Fusing

1 MCB 16A, 3p, C
2 MCB's 13A, 1p, C

Connection

For 1 cable up to 5 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

920464



CEE sockets

2 CEE 16A, 5p, 400V
Sockets, switched, with mechanical DUO interlock

Sockets British standard

Fusing

2 MCB's 16A, 3p, C

Connection

For 1 cable up to 5 x 10 mm²

Enclosure size

390 x 225 mm (HxW)

Part no.

931227

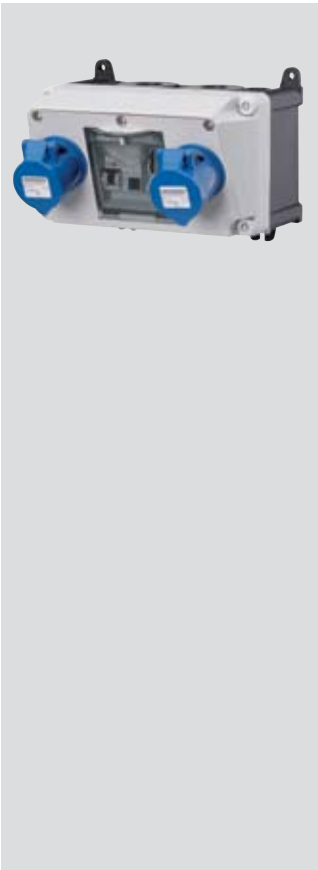
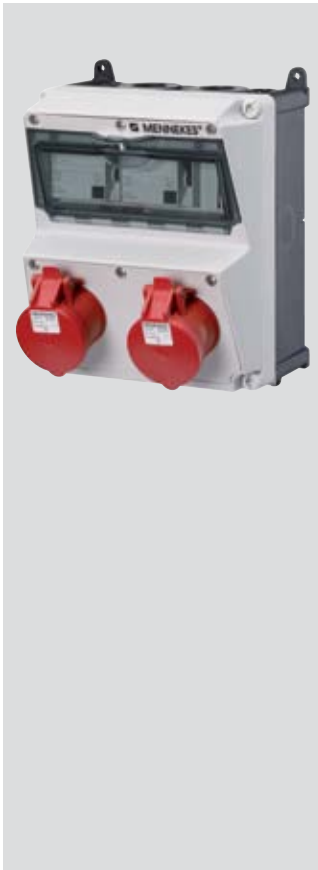
AMAXX® - standard made of AMAPLAST

pre-wired for installation, ▲ IP 44

Enclosure front cover electric grey RAL 7035, hinged to the side (except enclosure size 130 x 225 mm and 650 x 112.5 mm), fusing behind a transparent cover.

Dimensions: page 17.

For more combinations in various national standards, please contact us or visit www.AMAXX.info

			
CEE sockets	CEE sockets	CEE sockets	CEE sockets
	1 CEE 16A, 5p, 400V	2 CEE 16A, 5p, 400V	2 CEE 16A, 5p, 400V
CEE sockets	Sockets British standard	Sockets British standard	Sockets British standard
2 CEE 16A, 3p, 230V	2 x 13A, 2p+E, 230V		
Fusing	Fusing	Fusing	Fusing
1 RCD 25A, 2p, 0.03A 1 MCB 16A, 1p, C	1 RCD 40A, 4p, 0.03A 1 MCB 16A, 3p, C 1 MCB 13A, 1p, C	1 RCD 40A, 4p, 0.03A 1 MCB 16A, 3p, C	2 RCD 40A, 4p, 0.03A
Connection	Connection	Connection	Connection
For 1 cable up to 3 x 10 mm ²	For 1 cable up to 5 x 10 mm ²	For 1 cable up to 5 x 10 mm ²	For 1 cable up to 5 x 10 mm ²
Enclosure size	Enclosure size	Enclosure size	Enclosure size
130 x 225 mm (HxW)	650 x 112.5 mm (HxW)	260 x 225 mm (HxW)	260 x 225 mm (HxW)
Part no.	Part no.	Part no.	Part no.
910246	960043	920860	920851

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

AMAXX® - standard made of AMAPLAST

pre-wired for installation, ▲ IP 44

Enclosure front cover electric grey RAL 7035, hinged to the side (except enclosure size 130 x 225 mm and 650 x 112.5 mm), fusing behind a transparent cover.

Dimensions: page 17.

For more combinations in various national standards, please contact us or visit www.AMAXX.info

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories



CEE sockets

1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V

Sockets British standard

2 x 13A, 2p+E, 230V

Fusing

1 RCD 40A, 4p, 0.03A
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
2 MCB's 13A, 1p, C

Connection

For 1 cable up to 5 x 10 mm²

Enclosure size

390 x 225 mm (HxW)

Part no.

931234



CEE sockets

1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V
1 x Cepex RJ45, 2 fold cat. 6

Sockets British standard

2 x 13A, 2p+E, 230V

Fusing

1 RCD 40A, 4p, 0.03A
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
2 MCB's 13A, 1p, C

Connection

For 1 cable up to 5 x 10 mm²

Enclosure size

520 x 225 mm (HxW)

Part no.

941138



CEE sockets

1 CEE 63A, 5p, 400V
1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V

Sockets British standard

2 x 13A, 2p+E, 230V

Fusing

1 RCD 63A, 4p, 0.03A
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
2 MCB's 13A, 1p, C

Connection

For 1 cable up to 5 x 16 mm²

Enclosure size

520 x 225 mm (HxW)

Part no.

941137



CEE sockets

1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V
carrying handle

Sockets British standard

3 x 13A, 2p+E, 230V

Fusing

1 RCD 40A, 4p, 0.03A
1 MCB 16A, 3p, C
3 MCB's 13A, 1p, C

Connection

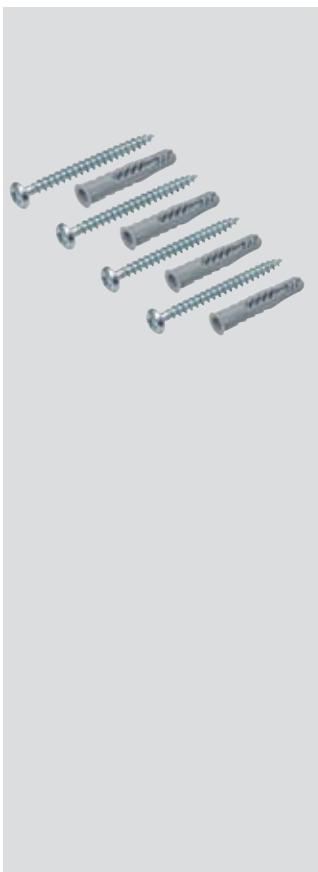
2 m supply H07RN-F5G4
with CEE plug 32A, 5p, 400V

Enclosure size

390 x 225 mm (HxW)

Part no.

931237



AMAXX® screw set

consisting of:
4 screws 6 x 70
Pozidrive size 3,
steel zincd
4 universal wall plugs 8 x 50,
for concrete, porous con-
crete, solid brick, perfora-
ted brick, gypsum plaster
board

Part no.
990606



AMAXX® fixing set

for lateral fixing of AMAXX®
combination units, optional
right or left hand side fixing
(twin set for 1 combination
unit)

Part no.
990620



AMAXX® cable gland

black RAL 9005,
single packing incl.
sealing ring

M 20

suitable for cables
from 6-13 mm
part no. **990607**

M 32

suitable for cables
from 13-21 mm
part no. **990608**

M 40

suitable for cables from
14-28 mm
part no. **990609**



AMAXX® portable frame

yellow RAL 1003,
suitable for AMAXX®
socket combination units
with the following sizes:
260 x 225 mm,
390 x 225 mm and
520 x 225 mm

Part no.
15696

pre-wired for installation, ▲ IP 67

Enclosure front cover electric grey RAL 7035, hinged to the side (except enclosure size 130 x 225 mm and 650 x 112.5 mm), fusing behind a transparent cover.

Dimensions: page 17.

For more combinations in various national standards, please contact us or visit www.AMAXX.info

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories



CEE sockets

CEE sockets

2 CEE 16A, 3p, 110V

Fusing

1 RCD 25A, 2p, 0.03A

Connection

For 1 cable up to 3 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

920700



CEE sockets

CEE sockets

2 CEE 16A, 3p, 230V

Fusing

1 RCD 25A, 2p, 0.03A
1 MCB 16A, 1p, C

Connection

For 1 cable up to 3 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

920714



CEE sockets

CEE sockets

2 CEE 16A, 3p, 230V

Fusing

1 RCD 25A, 2p, 0.03A

Connection

For 1 cable up to 3 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

920649



CEE sockets

2 CEE 32A, 5p, 400V
Sockets, switched, with
mechanical DUO interlock
2 CEE 16A, 5p, 400V

CEE sockets

Fusing

1 RCD 63A, 4p, 0.03A
2 MCB's 32A, 3p, C
2 MCB's 16A, 3p, C

Connection

For 1 cable up to 5 x 16 mm²

Enclosure size

650 x 225 mm (HxW)

Part no.

900946

AMAXX® - resistant to chemicals, made of AMELAN®

pre-wired for installation, ▲ IP 44 or ▲▲ IP 67

Enclosure front cover grey RAL 7000, hinged to the side (except enclosure size 130 x 225 mm and 650 x 112.5 mm), fusing behind a transparent cover.

Dimensions: page 17.

For more combinations in various national standards, please contact us or visit www.AMAXX.info



Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories



CEE sockets

1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V

Sockets British standard

3 x 13A, 2p+E, 230V

Fusing

1 RCD 63A, 4p, 0.03A
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
3 MCB's 13A, 1p, C

Connection

For 1 cable up to 5 x 16 mm²

Enclosure size

520 x 225 mm (HxW)

Part no.

941142

IP 44



CEE sockets

CEE sockets

2 CEE 16A, 3p, 230V

Fusing

1 RCD 25A, 2p, 0.03A

Connection

For 1 cable up to 3 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

920821

IP 67



CEE sockets

CEE sockets

1 CEE 32A, 3p, 230V

Fusing

1 RCD 40A, 2p, 0.03A

Connection

For 1 cable up to 3 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

921022

IP 44



CEE sockets

1 CEE 32A, 5p, 400V

CEE sockets

Fusing

1 RCD 40A, 4p, 0.03A

Connection

For 1 cable up to 5 x 10 mm²

Enclosure size

260 x 225 mm (HxW)

Part no.

921024

IP 67

AirKRAFT® and 3KRAFT® combination units

pre-wired for installation, IP 20 or  IP 44¹⁾ regarding portable combination units in IP 44 please see page 52 for further information

Enclosures and inserts made of AMAPLAST. Fusing behind a transparent cover. Colours: Back box in black, cover available in red (RO), yellow (GE) or silver (SI). Other variations with CEE sockets 3, 4 or 5 pole and with grounding-type sockets of French/Belgian, British, Danish, Swiss and US-standards on request.

When ordering 3KRAFT® or AirKRAFT®, please note: The colour code of the cover colour required should be added to the part no. Red = RO, Yellow = GE, Silver = SI.

Dimensions: page 18 for AirKRAFT® and 3KRAFT®.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories



Fitted with

1 CEE 16A, 5p, 400V
3 SCHUKO® 16A, 230V

Fusing

Connection

For 1 cable up to
5 x 10 mm²

Part no.

94550

IP 44



Fitted with

2 CEE 16A, 5p, 400V
2 SCHUKO® 16A, 230V

Fusing

1 RCD 40A, 4p, 0,03A

Connection

For 1 cable up to
5 x 10 mm²

Part no.

94553

IP 44



Fitted with

2 CEE 16A, 5p, 400V
2 SCHUKO® 16A, 230V

Fusing

Connection

For 1 cable up to
5 x 10 mm²

Part no.

94552

IP 44



Fitted with

1 CEE 16A, 5p, 400V
3 SCHUKO® 16A, 230V

Fusing

1 MCB 16A, 3p, C
1 MCB 16A, 1p, B

With feeder cable

3 m H07RN-F5G4
with CEE plug
32A, 5p, 400V

Part no.

94559

IP 44



Fitted with

3 SCHUKO® 16A, 230V

Fusing

Connection

For 1 cable up to
3 x 6 mm²

Part no.

94351

IP 44



Fitted with

2 SCHUKO® 16A, 230V
1 RJ45 double data port
cat.6, 8/8

Fusing

Connection

For 1 cable up to
3 x 6 mm²

Part no.

94354

IP 20



Fitted with

1 CEE 16A, 5p, 400V
1 SCHUKO® 16A, 230V
1 RJ45 double data port
cat.6, 8/8

Fusing

Connection

For 1 cable up to
5 x 10 mm²

Part no.

94355

IP 20



Fitted with

3 SCHUKO® 16A, 230V

Fusing

With feeder cable

3 m H07RN-F3G1,5
with plug SCHUKO®
16A, 230V

Part no.

94357

IP 44

Combination units DELTA-BOX and multiples

pre-wired for installation, ⚡ IP 44¹⁾ or ⚡ IP 67¹⁾ regarding portable combination units in IP 44 please see page 52 for further information Enclosures and inserts made of AMAPLAST. Other variations with CEE-sockets 3, 4 or 5 pole and with grounding type sockets of French/Belgian, British, Danish, Swiss and US-standards or protection type IP 67 on request.

Dimensions: page 18 for DELTA-BOXES and page 11 for multiples.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories



Fitted with

1 CEE 16A, 5p, 400V
3 SCHUKO® 16A, 230V

Fusing

Connection

For 1 cable up to
5 x 10 mm²

Part no.

92658

IP 44



Fitted with

3 CEE 16A, 5p, 400V

Fusing

Connection

For 1 cable up to
5 x 10 mm²

Part no.

92917

IP 44



Fitted with

3 CEE 32A, 5p, 400V

Fusing

Connection

For 1 cable up to
5 x 10 mm²

Part no.

90839

IP 44



Fitted with

2 CEE 16A, 5p, 400V
1 CEE 16A, 3p, 230V

Fusing

Connection

For 1 cable up to
5 x 10 mm²

Part no.

92893

IP 67



Fitted with

2 CEE 16A, 3p, 110V

Fusing

Connection

For 1 cable up to
5 x 4 mm²

Part no.

52242

IP 44



Fitted with

2 CEE 16A, 3p, 230V

Fusing

Connection

For 1 cable up to
5 x 4 mm²

Part no.

52243

IP 44



Fitted with

2 CEE 16A, 4p, 400V

Fusing

Connection

For 1 cable up to
5 x 4 mm²

Part no.

52244

IP 44



Fitted with

2 CEE 16A, 5p, 400V

Fusing

Connection

For 1 cable up to
5 x 4 mm²

Part no.

52245

IP 67

Socket strips

pre-wired for installation,  IP 44¹⁾ ¹⁾regarding portable combination units in IP 44 please see page 52 for further information

Enclosures and inserts made of AMAPLAST. Other variations with CEE-sockets 3, 4 or 5 pole and with grounding type sockets of French/Belgian, British, Danish, Swiss and US-standards or protection type IP 67 on request.

Dimensions: page 18

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories



Fitted with
3 Grounding type sockets
British standard
13A, 2p+E, 230V

Fusing
1 RCD 30 mA

Connection
For 1 cable up to
3 x 10 mm²

Part no.
52005 **IP 44**



Fitted with
3 CEE 16A, 3p, 110V

Fusing
1 RCD 30 mA

Connection
For 1 cable up to
3 x 10 mm²

Part no.
52001 **IP 44**



Fitted with
3 CEE 16A, 3p, 230V

Fusing
1 RCD 30 mA

Connection
For 1 cable up to
3 x 10 mm²

Part no.
52003 **IP 44**



Fitted with
3 CEE 16A, 5p, 400V

Fusing
1 RCD 30 mA

Connection
For 1 cable up to
5 x 10 mm²

Part no.
95472 **IP 44**



Fitted with
3 CEE 16A, 3p, 110V

Fusing

Connection
For 1 cable up to
3 x 10 mm²

Part no.
96227 **IP 44**



Fitted with
3 CEE 16A, 3p, 230V

Fusing

Connection
For 1 cable up to
3 x 10 mm²

Part no.
96489 **IP 44**



Fitted with
2 CEE 16A, 5p, 400V
1 SCHUKO® 16A, 230V

Fusing

Connection
For 1 cable up to
5 x 10 mm²

Part no.
96703 **IP 44**



Fitted with
3 CEE 16A, 5p, 400V

Fusing

Connection
For 1 cable up to
5 x 10 mm²

Part no.
96705 **IP 44**

EverGUM made of solid rubber

pre-wired for installation,  IP 44 ¹⁾ regarding portable combination units in IP 44 please see page 52 for further information
Sockets and inserts made of AMAPLAST. Fusing behind a transparent cover. Colour: signal yellow.
Other variations with CEE sockets 3, 4 or 5 pole and with grounding-type sockets of French/Belgian, British, Danish, Swiss and US-standards on request.

Dimensions: page 19.



CEE sockets

1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V

Sockets SCHUKO®

3 SCHUKO® 16A, 230V

Fusing

1 MCB 32A, 3p, C
2 MCB's 16A, 3p, C
3 MCB's 16A, 1p, B

Connection

For 2 cables up to
5 x 25 mm²

Part no.

70007



CEE sockets

1 CEE 63A, 5p, 400V
1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V

Sockets SCHUKO®

4 SCHUKO® 16A, 230V

Fusing

1 MCB 63A, 3p, C
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
2 MCB's 16A, 1p, B

Connection

For 2 cables up to
5 x 25 mm²

Part no.

71062



CEE sockets

1 CEE 16A, 5p, 400V

Sockets SCHUKO®

2 SCHUKO® 16A, 230V

Fusing

1 RCD 40A, 4p, 0.03A
2 MCB's 16A, 1p, B

With feeder cable

2 m H07RN-F5G2.5 with
CEE-plug 16A, 5p, 400V

Part no.

70033



CEE sockets

3 CEE 16A, 5p, 400V

Sockets SCHUKO®

Fusing

With feeder cable

2 m H07RN-F5G2.5 with
CEE-plug 16A, 5p, 400V

Part no.

70029



CEE sockets

2 CEE 16A, 5p, 400V

Sockets SCHUKO®

4 SCHUKO® 16A, 230V

Fusing

1 RCD 40A, 4p, 0.03A

Connection

with inlet 16A, 5p, 400V

Part no.

70350



CEE sockets

1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V

Sockets SCHUKO®

4 SCHUKO® 16A, 230V

Fusing

1 RCD 40A, 4p, 0.03A
1 MCB 16A, 3p, C
2 MCB's 16A, 1p, B

With feeder cable

2 m H07RN-F5G4 with
CEE-plug 32A, 5p, 400V

Part no.

70351



CEE sockets

1 CEE 63A, 5p, 400V
1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V

Sockets SCHUKO®

4 SCHUKO® 16A, 230V

Fusing

1 RCD 63A, 4p, 0.03A
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
2 MCB's 16A, 1p, B

With feeder cable

3 m H07RN-F5G10 with
CEE-plug 63A, 5p, 400V

Part no.

70025



CEE sockets

1 CEE 63A, 5p, 400V
1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V

Sockets SCHUKO®

4 SCHUKO® 16A, 230V

Fusing

1 RCD 63A, 4p, 0.03A
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
2 MCB's 16A, 1p, B

Connection

with inlet 63A, 5p, 400V

Part no.

70049

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Stainless steel

Stainless steel enclosure (material 1.4301).

Surface with a flat finish (K240), material 1.4571 on request.

Protection type IP 44 (combination unit for wall fixing) or IP 43 (flush mounted combination unit) with closed door.



Titel
Combination unit, wall fixing

Description / fitted with

1 CEE socket 16A, 5p, 400V
4 sockets British standard
13A, 2p+E, 230V

Fusing:

1 RCD 40A, 4p, 0.03A
1 MCB 16A, 3p, C
4 MCB's 16A, 1p, B

Enclosure:

standard door with stop on right,
front door with swing handle and
cylinder lock – lockable even
when plugs are connected.
Cable entry / connection options:
2 x entry nipples M 32 on bottom,
2 x brass screw plugs M 16
on bottom,
terminal shock hazard protected
to BGV A3

Connection:

for 2 cables up to 5 x 25 mm²

Enclosure size

530 x 400 x 220 mm (H x W x D)

Part no.

6212980



Titel
Combination unit, wall fixing

Description / fitted with

1 CEE socket 32A, 5p, 400V
1 CEE socket 16A, 5p, 400V
2 sockets British standard
13A, 2p+E, 230V

Fusing:

1 RCD 63A, 4p, 0.03A
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
2 MCB's 16A, 1p, B

Enclosure:

standard door with stop on right,
front door with swing handle and
cylinder lock – lockable even
when plugs are connected.
Cable entry / connection options:
2 x entry nipples M 32 on bottom,
2 x brass screw plugs M 16
on bottom,
terminal shock hazard protected
to BGV A3

Connection:

for 2 cables up to 5 x 25 mm²

Enclosure size

530 x 400 x 220 mm (H x W x D)

Part no.

6212993



Titel
Combination unit, flush mounted

Description / fitted with

1 CEE socket 16A, 5p, 400V
4 sockets British standard
13A, 2p+E, 230V

Fusing:

1 RCD 40A, 4p, 0.03A
1 MCB 16A, 3p, C
4 MCB's 16A, 1p, B

Enclosure:

front door and trim frame
(from flat finished stainless steel):
lockable with cylinder,
lockable even when plugs are
connected, door stop on the right
flush mounted enclosure
(from stainless steel):
cable entry bush 3 x top,
2 x bottom,
suitable for cable diameters
13 to 49 mm

Connection:

for 2 cables up to 5 x 25 mm²

Enclosure size

front door and trim frame:
580 x 420 mm (H x W)
flush mounted enclosure:
520 x 360 x 200 mm (H x W x D)

Part no.

6103180



Titel
Combination unit, flush mounted

Description / fitted with

1 CEE socket 32A, 5p, 400V
1 CEE socket 16A, 5p, 400V
2 sockets British standard
13A, 2p+E, 230V

Fusing:

1 RCD 63A, 4p, 0.03A
1 CEE socket 32A, 5p, 400V
1 CEE socket 16A, 5p, 400V
2 MCB's 16A, 1p, B

Enclosure:

front door and trim frame
(from flat finished stainless steel):
lockable with cylinder,
lockable even when plugs are
connected, door stop on the right
flush mounted enclosure
(from stainless steel):
cable entry bush 3 x top,
2 x bottom,
suitable for cable diameters
13 to 49 mm

Connection:

for 2 cables up to 5 x 25 mm²

Enclosure size

front door and trim frame:
580 x 420 mm (H x W)
flush mounted enclosure:
520 x 360 x 200 mm (H x W x D)

Part no.

6103196

Steel or stainless steel

Power posts from steel tube. Sockets IP 44 or IP 67 can be fitted.

CombiTOWER® from stainless steel (material 1.4301), material 1.4571 on request.



Titel

Power post

Description / fitted with

1 CEE socket 16A, 5p, 400V
2 sockets British standard
13A, 2p+E, 230V

Fusing:

1 MCB 16A, 3p, C
1 MCB 16A, 1p, B

Enclosure:

Wall thickness 4.0 mm,
hot-dip galvanised, powder coated,
colour: red,
hinged supply aperture with safety
lock,
weight: approx. 45 kg
Aperture at bottom:
(H x W) 50 x 40 mm.
Fixing flange: Ø 360 mm
with 4 fixing holes 15.0 mm.
For fixing to an existing fundament.
Cable entry:
2 x M 25 open at the top

Connection:

for 1 cable up to 5 x 6 mm²

Enclosure size

1050 x 220 mm (H x Ø, inside)

Part no.

6308078



Titel

Power post

Description / fitted with

1 CEE socket 32A, 5p, 400V
1 CEE socket 16A, 5p, 400V
2 sockets British standard
13A, 2p+E, 230V

Fusing:

1 RCD 40A, 4p, 0.03A
1 MCB 32A, 3p, C
1 MCB 16A, 3p, C
2 MCB's 16A, 1p, B

Enclosure:

Wall thickness 4.5 mm,
electro galvanised,
yellow chromated and powder
coated,
colour: anthracite (RAL 7016),
hinged supply aperture with safety
lock,
weight: approx. 60 kg
Aperture at bottom:
(H x W) 60 x 70 mm.
Fixing flange: Ø 390 mm
with 4 fixing holes 15.5 mm.
For fixing to an existing fundament.
Cable entry:
2 x M 32 open at the top,
1 x M 32 plugged at the top

Connection:

for 1 cable up to 5 x 10 mm²

Enclosure size

1050 x 273 mm (H x Ø, inside)

Part no.

6308081



Titel

CombiTOWER®

Description / fitted with

with removable cover,
painted signal yellow (RAL 1003)
or bright finish.

Part no.

for AMAXX® enclosures
260 x 225 mm,
390 x 225 mm and
520 x 225 mm

* Part no.

for AMAXX® enclosures
650 x 225 mm

Enclosure size

1043 x 254.5 x 250 mm (H x W x D)

Part no.

15679 / * 15739 yellow
15678 / * 15738 bright finish



Titel

CombiTOWER®

Description / fitted with

with lockable door
and removable cover,
painted signal yellow (RAL 1003)
or bright finish

Part no.

for AMAXX® enclosures
260 x 225 mm,
390 x 225 mm and
520 x 225 mm

* Part no.

for AMAXX® enclosures
650 x 225 mm

Enclosure size

1043 x 254 x 415 mm (H x W x D)

Part no.

15681 / * 15741 yellow
15680 / * 15740 bright finish

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Reefer container and CEEplus

Tested safety.
Internationally
standardised
refrigerated
containers.



AM-TOP® plugs and connectors.

Stable enclosure consisting of one part. The teeth on the cable gland secure a safe grip and protect against loosening. The cable gland serves as an anti-bend protection for the cables at the same time.

400-
440V

3h

3p+⊕



Wall mounted sockets, switched and interlocked.

Sockets with the patented, mechanical DUO interlocking ensure that the socket can only be switched when inserting a plug.



Combination units with sockets, switched and interlocked.

Your selection: With or without monitoring sockets.

CEEplus plugs
and sockets with
additional contacts.



Energy and data.

- Your benefit: just one socket for electrical power and signals.
- Perfect compatibility: CEEplus plugs, connectors and sockets may be combined with any traditional CEE products 16A, 3p, 230V or 16A, 5p, 400V.

For the industry.

Just one installation to connect additional systems to manufacturing equipment or monitored consumers via a control-station.

Industrial Ethernet

Service

Sockets

Plugs and connectors

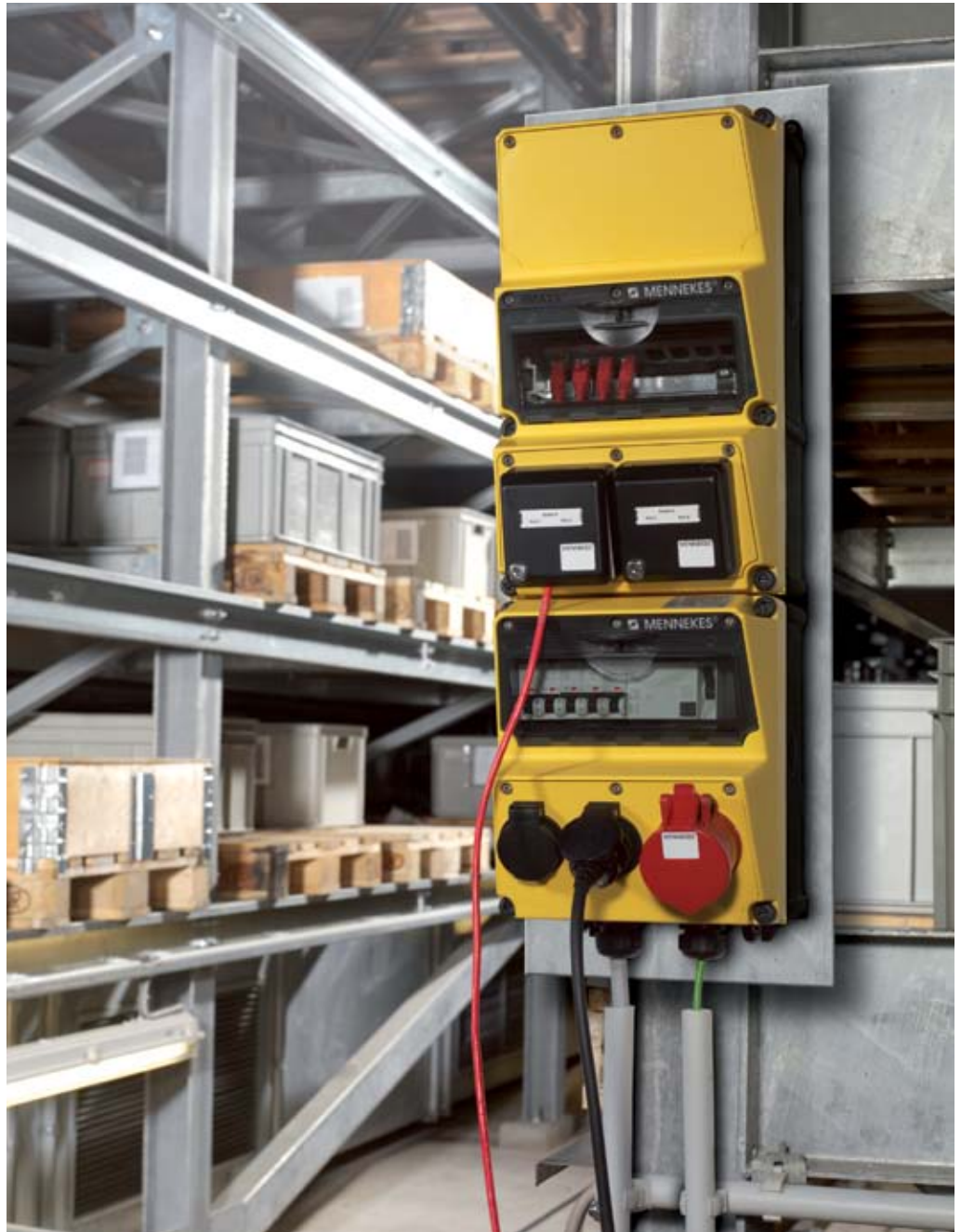
Combination units

Special plugs and sockets,
accessories

Complete
solutions for
energy and data.
All from
one source.



Industrial Ethernet by MENNEKES is ideally suited for establishing local networks or sub-networks in rough industrial environments.



Cepex data port sockets

The right choice for control stations, storage areas, laboratories, airports, production lines, etc. Cepex data port sockets are operated with standard patch cables and can be combined with Cepex CEE and/or sockets SCHUKO®. For wall/panel mounting or installation in cable ducts. Protection type IP 44 with closed cover or with plug inserted.

SCHUKO® and grounding-type

SCHUKO® to DIN 49440-1, 2p+E, 230V. Other versions available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Colour	Ampere	Voltage	with shutter	plug-in terminals	screw terminals
	Panel mounted socket SCHUKO® with hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5 - 2.5 mm ² ▲ IP 54 Std. Pack. Qty: 100/20 Dimensions: page 14	grey	16	230		11010	11030
		blue	16	230		11011	11031
		black	16	230		11012	11032
		red	16	230		11013	11033
	Panel mounted socket SCHUKO® with hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5 - 2.5 mm ² ▲ IP 54 Std. Pack. Qty: 100 Dimensions: page 14	grey	16	230	✓	11060	
		blue	16	230	✓	11061	11081
	Panel mounted socket SCHUKO® without hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5 - 2.5 mm ² IP 20 Std. Pack. Qty: 100 Dimensions: page 14	blue	16	230		11511	11531
		black	16	230		11512	11532
		blue	16	230	✓	11561	11581
	Wall mounted socket SCHUKO® or grounding-type French/Belgian system (NF) with hinged lid, 3 plug-in terminals as connecting terminals for 1.5 - 2.5 mm ² ▲ IP 44 Std. Pack. Qty: 10 Dimensions: page 14	grey	16	230		10081	
		blue	16	230		10082	
		black	16	230		10083	
		blue	16	230	✓	10092	
	Panel mounted socket grounding-type French/Belgian system (NF), with hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5 - 2.5 mm ² ▲ IP 44 Std. Pack. Qty: 100 Dimensions: page 14	grey	16	230		11110	
		blue	16	230		11111	11131
		grey	16	230	✓	11160	11180
		blue	16	230	✓	11161	11181
		black	16	230	✓	11162	11182
	Panel mounted socket grounding-type French/Belgian system (NF), without hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5 - 2.5 mm ² IP 20 Std. Pack. Qty: 100/20 Dimensions: page 14	blue	16	230		11611	11631
		blue	16	230	✓	11661	11681

Sockets can be linked in a row vertically. Slide on top, slot on bottom of enclosure.

SCHUKO® and grounding-type

Other versions available on request.

Image	Title / description	Colour	Ampere	Voltage	with shutter	Part numbers	
						plug-in terminals	screw terminals
	Panel mounted socket grounding-type British standard, with hinged lid and seal; flange 50 x 50 mm, fixing holes 38 x 38 mm ⚠ IP 44 ⚡ Std. Pack. Qty: 20	blue	13	230	✓		10718
	Panel mounted socket grounding-type British standard, matching cover frame, with hinged lid and seal ⚠ IP 44 ⚡ Std. Pack. Qty: 20 Dimensions: page 14	black	13	230	✓		10713
	Panel mounted socket NEMA USA and Canada, with hinged lid ⚠ IP 44 ⚡ Std. Pack. Qty: 20 Dimensions: page 14	blue	15	125			10087
	Plug SCHUKO® with combined PE-conductor acc. to German and French/Belgian standards, with grommet, for cables up to 3 x 2.5 mm² up to H07RN-F ⚠ IP 44 ⚡ Std. Pack. Qty: 20	grey	16	230			10749
		black	16	230			10754
		orange	16	230			10837
		blue	16	230			10838
		red	16	230			10839
		yellow	16	230			10840
		green	16	230			10841
	Connector SCHUKO® with grommet and lid for cables up to 3 x 2.5 mm² up to H07RN-F ⚠ IP 44 ⚡ Std. Pack. Qty: 10	grey	16	230			10751
		black	16	230			10755
		orange	16	230			10842
		blue	16	230			10843
		red	16	230			10844
		yellow	16	230			10845
		green	16	230			10846
	Panel mounted receptacle SCHUKO® with front gasket and hinged lid for cables up to 3 x 2.5 mm² up to H07RN-F ⚠ IP 54 ⚡ Std. Pack. Qty: 10	grey	16	230		11310	11330
		blue	16	230		11311	11331
		black	16	230		11312	11332
		red	16	230		11313	11333

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

SCHUKO® and grounding-type ■ ☔ IP 68, pressure watertight

to DIN 49442/43 and DIN VDE 0620. Other versions available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Colour	Ampere	Voltage	with shutter	plug-in terminals	screw terminals
	Wall mounted socket SCHUKO® with hinged bayonet lock lid, one threaded M 20 cable entry at top, one blind M 20 cable entry (can be cut out) at bottom ☔ IP 68 ⚡ Std. Pack. Qty: 10 Dimensions: page 14	blue / grey	16	230			10863
	Panel mounted socket SCHUKO® with hinged bayonet lock lid, rectangular flange, four fixing holes ☔ IP 68 ⚡ Std. Pack. Qty: 10 Dimensions: page 15	blue / grey	16	230			10808
	Plug SCHUKO® combined PE-conductor acc. to German and French/Belgian standards, with bayonet ring, with protective cap attached by a strap, for cables up to 3 x 2.5 mm², up to H07RN-F ☔ IP 68 ⚡ Std. Pack. Qty: 10	blue / grey	16	230			10828
	Connector SCHUKO® with bayonet lock lid attached by a strap, for cables up to 3 x 2.5 mm², up to H07RN-F ☔ IP 68 ⚡ Std. Pack. Qty: 10	blue / grey	16	230			10833



Plugs and sockets for harsh conditions - with the hammer symbol



Made of high-grade AMAPLAST. Acc. to VDE 0620 for harsh conditions. Regulated acc. to VDE 0100, part 704 for construction sites, acc. to VDE 0105, part 15 for agriculture.

Resistant against oil, grease and fuel. Long lasting due to high resistance against abrasion and breaking strength.

Durable due to resistance against embrittlement. Resistant against temperature from - 25°C up to +100°C.

200A up to 400A

Design based on IEC 309-1, EN 60309-1, DIN VDE 0623 part 1. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	230V	400V	500V	600-690V	<1000V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz
				4p 5p 9h 9h	4p 5p 6h 6h	4p 5p 7h 7h	4p 5p 5h 5h	4p 5p 1h 1h
Part numbers								
	Wall mounted socket with cable gland ♦♦ IP 67 Std. Pack. Qty: 1 Dimensions: page 15	200	4	75220	75221	75222	75223	75224
		200	5	75225	75226	75227	75228	75229
		250	4	75020	75021	75022	75023	75024
		250	5	75110	75111	75112	75113	75114
		400	4	75025	75026	75027	75028	75029
		400	5	75115	75116	75117	75118	75119
Contact carrierSeawater resistant designs are available on request.								
	Wall mounted socket switched and interlocked IP 55 Std. Pack. Qty: 1 Dimensions: page 15	200	4	75230	75231	75232	75233	75234
		200	5	75235	75236	75237	75238	75279
		250	4	75030	75031	75032	75033	75034
		250	5	75120	75121	75122	75123	75124
		400	4	75035	75036	75037	75038	75039
		400	5	75125	75126	75127	75128	75129
Contact carrierSeawater resistant designs are available on request.								
	Panel mounted socket ♦♦ IP 67 Std. Pack. Qty: 1 Dimensions: page 15	200	4	75240	75241	75242	75243	75244
		200	5	75245	75246	75247	75248	75249
		250	4	75040	75041	75042	75043	75044
		250	5	75130	75131	75132	75133	75134
		400	4	75045	75046	75047	75048	75049
		400	5	75135	75136	75137	75138	75139
Contact carrierSeawater resistant designs are available on request.								
	Plug with cable gland ♦♦ IP 67 Std. Pack. Qty: 1	200	4	75200	75201	75202	75203	75204
		200	5	75205	75206	75207	75208	75274
		250	4	75000	75001	75002	75003	75004
		250	5	75090	75091	75092	75093	75094
		400	4	75005	75006	75007	75008	75009
		400	5	75095	75096	75097	75098	75099
Contact carrierSeawater resistant designs are available on request.								
	Inlet with cable gland ♦♦ IP 67 Std. Pack. Qty: 1 Dimensions: page 15	200	4	75250	75251	75252	75253	75254
		200	5	75255	75256	75257	75258	75259
		250	4		75172	75373	75374	
		250	5		75173	75381	75382	
		400	4		75389	75390	75391	
		400	5		75398	75399	75400	
Contact carrierSeawater resistant designs are available on request.								
	Connector with cable gland ♦♦ IP 67 Std. Pack. Qty: 1	200	4	75210	75211	75212	75213	75214
		200	5	75215	75216	75217	75218	75219
		250	4	75010	75011	75012	75013	75014
		250	5	75100	75101	75102	75103	75104
		400	4	75015	75016	75017	75018	75019
		400	5	75105	75106	75107	75108	75109
Contact carrierSeawater resistant designs are available on request.								

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

For reefer container

Ground contact at 3 o'clock position conforming to DIN VDE 0623, EN 60309-2. Other versions available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Ampere	Poles	400 - 440V
				50 a. 60 Hz
				4p
				3h
				Part numbers
	Wall mounted socket with highly heat resistant contact carrier and nickel plated contacts ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 10	32	4	2644
	Wall mounted socket with highly heat resistant contact carrier and nickel plated contacts, switched, with mechanical DUO-interlock ⚡ IP 67 Std. Pack. Qty: 1 Dimensions: page 11	32	4	5792A
	Wall mounted socket with highly heat resistant contact carrier and nickel plated contacts, switched, with mechanical DUO-interlock and DIN rail ⚡ IP 67 Std. Pack. Qty: 2 Dimensions: page 11	32	4	5946
	Panel mounted socket with highly heat resistant contact carrier and nickel plated contacts, flange 85 x 75 mm, straight ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 12	32	4	2123
	Plug AM-TOP® with highly heat resistant contact carrier and nickel plated contacts, with screw terminals and single part body ⚡ IP 67 Std. Pack. Qty: 10	32	4	2175B
	Phase sequence test plug earthing contact in the 3 o'clock-position ⚠ IP 44 Std. Pack. Qty: 5	32	4	3718

For reefer container

Ground contact at 3 o'clock position conforming to DIN VDE 0623, EN 60309-2. Other versions available on request.

Image	Title / description	Ampere	Poles	400 - 440V 50 a. 60 Hz	
				4p 3h	Part numbers
	Panel mounted inlet with highly heat resistant contact carrier and nickel plated contacts, with hinged lid ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 15	32	4		2692
	Connector AM-TOP® with highly heat resistant contact carrier and nickel plated contacts, with screw terminals and single part body ⚡ IP 67 Std. Pack. Qty: 10	32	4		2177
	Protective cap for plugs 32A, 4p Std. Pack. Qty: 50				40841
	Holder for plugs 32A, 4p Std. Pack. Qty: 10				41342

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Combination units for reefer container

♦♦ IP 67

Ground contact at 3 o'clock position conforming to DIN VDE 0623, EN 60309-2. Other versions available on request.

Made of AMAPLAST. Sockets switched, with mechanical DUO interlock with highly heat resistant contact carrier and nickel plated contacts.

It is self - evident for us to offer customized solutions which are especially made for your demand. Please contact us!



CEE socket

3 CEE 32A, 4p, 400-440V, 3h
For reefer containers,
switched, with mechanical
DUO interlock

CEE socket

Fusing

3 MCB's 32A, 3p, C
1 earth bolt M 10, V2A

Connection

for 1 cable up to 5 x 25 mm²

Enclosure size (H x W x D)

520 x 225 x 236 mm

Part no.

940027



CEE socket

3 CEE 32A, 4p, 400-440V, 3h
For reefer containers,
switched, with mechanical
DUO interlock

CEE socket

Fusing

3 MCB's 32A, 3p, C
3 monitoring sockets
MS3102E 14S2S
1 earth bolt M 10, V2A

Connection

for 2 cables up to
5 x 25 mm² and for
3 monitoring sockets
4 x 4 mm²

Enclosure size (H x W x D)

520 x 225 x 236 mm

Part no.

940019



AIDAbella, Jos. L. Meyer-Werft, Papenburg, Germany



Jos. L. Meyer-Werft, Papenburg, Germany

For hazardous areas, Ex zone 22 ■ IP 66

IEC 60309-1/2. Enclosure material receptacle: Glass-fibre reinforced polyester. Enclosure material plug: impact resistant polyamide.

Image	Title / description	Ampere	Poles	110V	230V	400V	500V
				50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz
				3p 4p 5p 4h 4h 4h	3p 4p 5p 6h 9h 9h	3p 4p 5p 9h 6h 6h	3p 4p 5p 7h 7h 7h
Part numbers							
	Wall mounted receptacle All-pole ON/OFF switching by turning the plug, cable entry 1x Ex-cable gland and 1x Ex-screw plug made of plastic at bottom ♦♦ IP 66 Std. Pack. Qty: 1 Dimensions: page 16	16	3	7804	7806		
		16	4			7816	7817
		16	5			7826	
		32	4			7836	7837
		32	5			7846	
Identification acc. to 94/9/EG: II 3D Ex tD A22 T80°C, permissible ambient temperature: -25°C to +45°C, dust ignition protection type provided: Ex de IIC T6							
	Wall mounted receptacle All-pole ON/OFF switching with handle, cable entry 1x Ex-cable gland and 1x Ex-screw plug made of plastic at bottom ♦♦ IP 66 Std. Pack. Qty: 1 Dimensions: page 16	63	4			7856	
		63	5			7866	
		125	4			7876	
		125	5			7886	
Identification acc. to 94/9/EG: II 3D Ex tD A22 T80°C, permissible ambient temperature: -25°C to +45°C, dust ignition protection type provided: Ex de IIC T6							
	Ex-cable gland black, single packaging, only necessary for through wiring Std. Pack. Qty: 1	(M 25, for 16A, capacity of terminal: 8 - 17 mm) 41588 (M 40, for 32A, capacity of terminal: 17 - 28 mm) 41590 (M 50, for 63A + 125A capacity of terminal: 22 - 35 mm) 41591					
		Standard wall mounted receptacle include already 1 Ex-cable gland for 1 supply cable.					
	Plug ♦♦ IP 66 Std. Pack. Qty: 1	16	3	7704	7706		
		16	4			7716	7717
		16	5			7726	
		32	4			7736	7737
		32	5			7746	
Identification acc. to 94/9/EG: II 3D Ex tD A22 T80°C, permissible ambient temperature: -25°C to +45°C, dust ignition protection type provided: Ex de IIC T6							
	Plug ♦♦ IP 66 Std. Pack. Qty: 1	63	3			7756	
		63	4			7766	
		125	4			7776	
		125	5			7786	
Identification acc. to 94/9/EG: II 3D Ex tD A22 T80°C, permissible ambient temperature: -25°C to +45°C, dust ignition protection type provided: Ex de IIC T6							

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

7 pole

to DIN VDE 0623-1, EN 60309-2. Other voltages and frequencies available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Ampere	Poles	230V 50 a. 60 Hz	400V 50 a. 60 Hz	500V 50 a. 60 Hz
				7p 9h	7p 6h	7p 7h
	Wall mounted socket highly heat resistant contact carrier, nickel plated contacts, top and bottom entry ▲ IP 44 Std. Pack. Qty: 10 Dimensions: page 10	16	7	733	734	1035
		32	7	735	736	1040
	Wall mounted socket highly heat resistant contact carrier, nickel plated contacts, top and bottom entry ▲▲ IP 67 Std. Pack. Qty: 10 Dimensions: page 10	16	7	3240	2746	3262
		32	7	2818	2648	2782
	Wall mounted socket switched, with mechanical DUO-interlock, highly heat resistant contact carrier, nickel plated contacts, ▲▲ IP 67 Std. Pack. Qty: 1 Dimensions: page 11				with 6 pole Isolator:	
		16	7		5785ZA	
		32	7		6106ZB	
	Panel mounted socket highly heat resistant contact carrier, nickel plated contacts, 20° inclination ▲ IP 44 Std. Pack. Qty: 10 Dimensions: page 12	16	7	737	738	1045
		32	7	739	740	1050
	Panel mounted socket highly heat resistant contact carrier, nickel plated contacts, 20° inclination ▲▲ IP 67 Std. Pack. Qty: 10 Dimensions: page 12	16	7	2883	2459	2296
		32	7	3775	2317	2212
	Plug AM-TOP® screw terminals, single part body, highly heat resistant contact carrier, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking ▲ IP 44 Std. Pack. Qty: 10	16	7	741	742	1055
		32	7	743	744	1060

7 pole

to DIN VDE 0623-1, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	230V 50 a. 60 Hz	400V 50 a. 60 Hz	500V 50 a. 60 Hz
				7p 9h	7p 6h	7p 7h
	Plug AM-TOP® screw terminals, single part body, highly heat resistant contact carrier, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking ⚡ IP 67 Std. Pack. Qty: 10	16	7	3776	3777	3913
		32	7	2405	2324	2213
	Wall mounted inlet screw terminals, highly heat resistant contact carrier, nickel plated contacts ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	7		2166	
		32	7		2167	
	Panel mounted inlet screw terminals, highly heat resistant contact carrier, nickel plated contacts ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 13	16	7	749	750	1075
		32	7	751	752	1080
	Panel mounted inlet screw terminals, highly heat resistant contact carrier, nickel plated contacts, with protective cap ⚡ IP 67 Std. Pack. Qty: 10 Dimensions: page 16	16	7	3779	3914	3780
		32	7	3781	3915	3782
	Connector AM-TOP® screw terminals, single part body, highly heat resistant contact carrier, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking ⚠ IP 44 Std. Pack. Qty: 10	16	7	745	746	1065
		32	7	747	748	1070
	Connector AM-TOP® screw terminals, single part body, highly heat resistant contact carrier, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking ⚡ IP 67 Std. Pack. Qty: 10	16	7	3783	3916	3784
		32	7	2406	2255	2460

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

For very low voltage

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Image	Title / description	Ampere	Poles	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V 40-50V 100-200 Hz	40-50V =
				—	12h	4h	10h
				Part numbers			
	Wall mounted socket	16	2	1825	1831		1829
	⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 16	16	3	1832	1837	1835	
		32	2	1838	1844		1842
		32	3	1845	1850	1848	
	Wall mounted socket	16	2	577	578		583
	⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 16	16	3	584	585	586	
		32	2	590	591		596
		32	3	597	598	599	
	Panel mounted socket flange 55 x 55 mm, straight	16	2	603	604		609
	⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 16	16	3	610	611	612	
		32	2	616	617		622
		32	3	623	624	625	
	Panel mounted socket flange 75 x 75 mm, straight	16	2	1602	1603		2617
	⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 16	16	3	1657	1661	1823	
		32	2	1693	3290		2488
		32	3	1594	1595	1579	
	Panel mounted socket flange 68 x 62 mm, 20° inclination	16	2	1270	2855		2841
	⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 16	16	3	2845	1272	2860	
		32	2	1271	2864		2869
		32	3	2870	1273	2852	

For very low voltage

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.

Image	Title / description	Ampere	Poles	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V 40-50V 100-200 Hz	40-50V ===
				—	12h	4h	10h
				Part numbers			
	Plug with cable gland ⚠ IP 44 Std. Pack. Qty: 10	16	2	655A	656A		661A
		16	3	662A	663A	664A	
		32	2	668A	669A		674A
		32	3	675A	676A	677A	
	Wall mounted inlet ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 16	16	2	1955	1961		1959
		16	3	1962	1967	1965	
		32	2	1968	1974		1972
		32	3	1975	1980	1978	
	Connector with cable gland ⚠ IP 44 Std. Pack. Qty: 10	16	2	707A	708A		713A
		16	3	714A	715A	716A	
		32	2	720A	721A		726A
		32	3	727A	728A	729A	

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

▲ IP 44

Enclosures and inserts made of AMAPLAST. Front cover electric grey RAL 7035 or yellow RAL 1021, bottom part with nuts for installation of a mounting plate, including a height-adjustable mounting rail with mounting rail latches, cable glands with multiple sealing grommets.

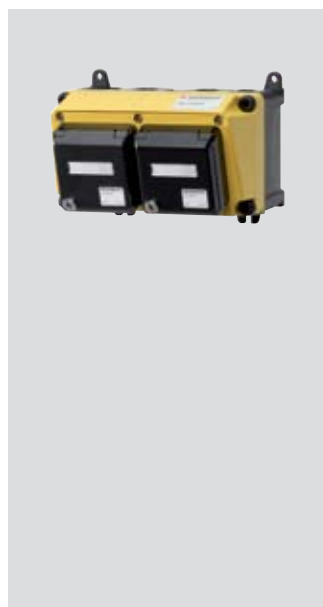
Dimensions (only part no. 25102 and 25402) page 17.



Titel
Compact network distributor
Description / fitted with
1 data socket Cepex with 2 RJ45 connection module couplings, type E-DAT module, port, cat.6, brand BTR
Energy 2 grounding-type sockets 13A, 2p+E, 240V
Cable entry / Connection: 2 M 25 at the top (closed) 1 M 25 at the bottom (with cable gland) 1 M 25 2 x 8 at the bottom (with cable gland) (seal insert for 2 individual cables up to 8 mm diameter) with terminal for 1 cable up to 3 x 4 mm ²
Enclosure size
160 x 170 mm (H x W)
Part no.
8101105



Titel
Compact network distributor
Description / fitted with
1 data socket Cepex with 2 RJ45 connection module couplings, type E-DAT module, port, cat.6, brand BTR
Energy 4 grounding-type sockets 13A, 2p+E, 240V
Cable entry / Connection: 2 M 25 at the top (closed) 1 M 25 at the bottom (with cable gland) 1 M 25 3 x 5-7 at the bottom (with cable gland) (seal insert for 2 individual cables up to 8 mm diameter) with terminal for 1 cable up to 5 x 4 mm ²
Enclosure size
160 x 245 mm (H x W)
Part no.
8310790



Titel
Network enclosure AMAXX®
Description / fitted with
2 data sockets Cepex identical lock, prepared for 4 RJ45 connection module couplings, type E-DAT module, port, cat.6, type BTR (Part no. 41454) or OpDAT module LC or ST (brand BTR - not included in the delivery)
Enclosure size
130 x 225 mm (H x W)
Part no.
25102GE yellow 25102 grey



Titel
Network enclosure AMAXX®
Description / fitted with
2 data sockets Cepex identical lock, with 4 RJ45 connection module couplings, type E-DAT module, angled coupling 8(8) 90°, cat.6, type BTR
1 patch panel Material: sheet steel, powder-coated, colour black with 2 LWL-modules ST/ST-MM couplings (Front plate prepared for installation of max. 8 connection module couplings FutureCom S250, RJ45 or LWL-Modulen FutureLink) brand: CORNING
1 Switch EL 100U2-6TX-1FX-ST-MM Unmanaged Industrial Ethernet Layer, 2 Switch with 6 TX-Ports und 1 FX-Port T-port: multi-mode fibre, 1300 nm, brand: EKS Data rate: 10/100 MBits/s 24V DC, -10° bis +55° C
Voltage supply: 1 power unit 24V DC-12W/0.5A Rated voltage 12W
Wiring 4 patch cables AWG 26, 2 RJ45, cat.6 with short cable gland
Enclosure size
520 x 225 mm (H x W)
Part no.
25402GE yellow 25402 grey

Enclosure and insert made of AMAPLAST. Colours: grey (RAL 7035), alpine white (RAL 9010), silver (RAL 9006), black (RAL 9005).

Image	Titel / description	Brand	Type	Part no.
	Cepex enclosure, grey ■ as wall mounted socket ■ for installation of RJ45 connection module couplings ■ 2 keys ▲ IP 44 Std. Pack. Qty: 5 Dimensions: page 11	AMP	Twist	4350 ¹⁾
		AMP	Jack	4360
		AMP	CO Plus	4370 *
		BTR	E-DAT Modul	4340
		Rutenbeck	UP0S	4320
		TKM	KDMF	4300 ¹⁾
		Reichle & De-Massari	module Real 10	4375 ²⁾
		identical lock: Part no. + Index "G"		
	Cepex enclosure, grey ■ as panel mounted socket ■ for installation of RJ45 connection module couplings ■ 2 keys ▲ IP 44 Std. Pack. Qty: 5 Dimensions: page 16	AMP	Twist	4352 ¹⁾
		AMP	Jack	4362
		AMP	CO Plus	4372 *
		BTR	E-DAT Modul	4342
		Rutenbeck	UP0S	4322
		TKM	KDMF	4302 ¹⁾
		Reichle & De-Massari	module Real 10	4377 ²⁾
		identical lock: Part no. + Index "G"		
	Cepex enclosure, alpine white ■ as panel mounted socket ■ for installation of RJ45 connection module couplings ■ 2 keys ▲ IP 44 Std. Pack. Qty: 5 Dimensions: page 16	AMP	Twist	4354 ¹⁾
		AMP	Jack	4364
		AMP	CO Plus	4374 *
		BTR	E-DAT Modul	4344
		Rutenbeck	UP0S	4324
		TKM	KDMF	4304 ¹⁾
		identical lock: Part no. + Index "G"		
	Cepex enclosure, silver ■ as panel mounted socket ■ for installation of RJ45 connection module couplings ■ 2 keys ▲ IP 44 Std. Pack. Qty: 5 Dimensions: page 16	Rutenbeck	UP0S	4326
		identical lock: Part no. + Index "G"		
	Cepex enclosure, black ■ as panel mounted socket ■ for installation of RJ45 connection module couplings ■ 2 keys ▲ IP 44 Std. Pack. Qty: 5 Dimensions: page 16	AMP	Twist	4366 ¹⁾
		AMP	Jack	4365
		AMP	CO Plus	4379 *
		BTR	E-DAT Modul	4345
		Rutenbeck	UP0S	4367
		Reichle & De-Massari	module Real 1	4378 ²⁾
		identical lock: Part no. + Index "G"		

¹⁾ Cepex enclosures also suited for the connection module couplings Telegärtner (AMJ 45 Up/O, cat.6a) and Nexans (LANmark-6 Snap-in Connector with fixing ring Modular Outlet 50).

²⁾ Cepex enclosures also suited for the connection module couplings Telegärtner (AMJ/UMJ cat.6+, Setec (XKJ), Corning (FutureCOM S10TENE Keystone), Dätwyler (KS-T6A, MS-K, PS-GG45), Rutenbeck (UM real cat.6a, A).

* The data inserts/modules AMP CO Plus are not part of the MENNEKES delivery program!

TM for military purpose

to DIN EN 60309-2, colour: bronze-green RAL 6031-F9. Other voltages and frequencies available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets, accessories

Image	Title / description	Ampere	Poles	230V	400V	440-460V	>50-500V
				50 a. 60 Hz	50 a. 60 Hz	60 Hz	>300-500 Hz
				3p 5p 6h 9h	5p 6h	5p 11h	3p 5p 2h 2h
Part numbers							
	Panel mounted socket TM straight, with highly heat resistant contact carrier and nickel plated contacts (form AS) ⚡ IP 67 Std. Pack. Qty: 10/5	16	3	22928			
		16	5	23151	20458	23163	23175
		32	3	23293			
		32	5	23152	20459	23164	23176
		63	5	23153	20460	23165	23177
	Panel mounted socket TM straight, with highly heat resistant contact carrier and nickel plated contacts (form AS) ⚡ IP 67 Std. Pack. Qty: 5	125	5		23432		
	Panel mounted socket TM 20° inclination, with highly heat resistant contact carrier and nickel plated contacts (form BS) ⚡ IP 67 Std. Pack. Qty: 10/5	16	3	24630			
		16	5	24641	24640	24642	24643
		32	3	24730			
		32	5	24741	24740	24742	24743
		63	5	24841	24840	24842	24843
	Panel mounted socket TM 20° inclination, with highly heat resistant contact carrier and nickel plated contacts (form BS) ⚡ IP 67 Std. Pack. Qty: 5	125	5		22189		
	Plug AM-TOP® TM with protective cap, with highly heat resistant contact carrier, frame terminals and nickel plated contacts, single part body, cable gland and sealing, strain relief and protection against kinking, (form CP) ⚡ IP 67 Std. Pack. Qty: 10	16	3	24660			
		16	5	24671	24670	24672	24673
		32	3	24760			
		32	5	24771	24770	24772	24773
	Plug PowerTOP® Xtra TM with protective cap, rubberised handle area, highly heat resistant contact carrier, frame terminals, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking, (form CP) ⚡ IP 67 Std. Pack. Qty: 5	63	5		24870		24873
		125	5		24970		24973

Hinged windows and installation kits

Image	Title / description	Equipment	Part number
	Hinged window without protective cover, with knurled screws, frame colour electric grey, window colour smoked glass ▲ IP 44 Std. Pack. Qty: 1 Dimensions: page 16	2 modules	40444
		5 modules without springs to close window automatically	40871
	Hinged window with protective cover, with knurled screws, frame colour electric grey, window colour smoked glass ▲ IP 44 Std. Pack. Qty: 10 Dimensions: page 16	5 modules without springs to close window automatically	40243
	Hinged window without protective cover, with knurled screws, frame colour electric grey, window colour smoked glass ▲▲ IP 67 Std. Pack. Qty: 10 Dimensions: page 16	6 modules	40985
		8 modules	40978
		12 modules	40980
	Hinged window with protective cover, with knurled screws, frame colour electric grey, window colour smoked glass ▲▲ IP 67 Std. Pack. Qty: 1 Dimensions: page 16	6 modules	40986
		8 modules	40979
		12 modules	40981
	Installation kit for hinged window with protective cover, for fitting modules in doors and enclosure covers Std. Pack. Qty: 1	for 6 modules for hinged window 40986	41431
		for 8 modules for hinged window 40979	41432
		for 12 modules for hinged window 40981	41433

Empty enclosures made of solid rubber or AMAPLAST are available on request.

Service

Sockets

Plugs and connectors

Combination units

Special plugs and sockets,
accessories

Switch disconnectors made of AMELAN®

Disconnecting property in acc. with EN 60947 (up to 690V). Finger protection in acc. with DIN 57106 / VDE 0106 T.100.

Image	Title / description	Rated Current Ampere	Poles	Auxiliary contact	BS Motor rating AC3/440V kilowatt	Part numbers
	Switch disconnector rigid enclosures, ample space for wiring, padlocking facilities, excellent switching capacity, open terminals and captive terminal screws ♦♦ IP 67 Std. Pack. Qty: 1	25	3		7.5	52241 MEG
		25	3	✓	7.5	52242 MEG
		40	3		18.5	52243 MEG
		40	3	✓	18.5	52244 MEG
		80	3		30.0	52245 MEG
		80	3	✓	30.0	52246 MEG
		Products with additional aux. contact (1 x NO and 1 x NC).				

Characteristics switch disconnector

	without aux. contact	with aux. contact	without aux. contact	with aux. contact	without aux. contact	with aux. contact
Part numbers	52241 MEG	52242 MEG	52243 MEG	52244 MEG	52245 MEG	52246 MEG
Rated operational voltage U_e IEC / EN / VDE / SEV Main switch: Isol. voltage up to	690V 690V		690V 690V		690V 690V	
Rated continuous current I_u IEC / EN / VDE	25A		40A		80A	
Rated operational current I_e IEC / EN	25A		40A		80A	
Rated operational current at 50 up to 60 Hz AC-23A IEC / EN / VDE 3 phase 220-240V 3 pole 380-440V 600-690V	5.5 kW 11.0 kW 11.0 kW		11.0 kW 22.0 kW 18.5 kW		18.5 kW 18.5 kW 30.0 kW	
AC-3 IEC / EN / VDE 3 phase 220-240V 3 pole 380-440V 600-690V	4.0 kW 7.5 kW 7.5 kW		7.5 kW 18.5 kW 15.0 kW		15.0 kW 30.0 kW 30.0 kW	
Rated breaking capacity AC-23A / AC-3 motor switch 220-240V 380-440V 600-690V	220A 220A 135A		350A 350A 190A		550A 550A 285A	
Maximum fuse size (gL)	35A		63A		80A	
Terminal cross section Single / multiple wire min. max. Fine-strand wire with sleeve min. max.	1.0 mm ² 6.0 mm ² 0.75 mm ² 4.0 mm ²		4.0 mm ² 16.0 mm ² 2.5 mm ² 10.0 mm ²		6.0 mm ² 35.0 mm ² 6.0 mm ² 25.0 mm ²	

Characteristics auxiliary contacts

Part numbers	52242 MEG	52244 MEG	52246 MEG
Rated operational voltage U	500V	690V	690V
Rated continuous current I_u AC-21A	10A	16A	12A
Rated operational current I_e 220-240V AC-15 IEC / EN 380-440V	2.5A 1.5A	6A 3A	6A 4A
Terminal cross section Single / multiple wire max. Fine-strand wire with sleeve max.	1.5 mm ² 1.5 mm ²	2.5 mm ² 2.5 mm ²	2.5 mm ² 2.5 mm ²

Image	Title / description	Equipment	Part number
	Wall mounted socket with TwinCONTACT ⚠ IP 44 Std. Pack. Qty: 10 Dimensions: page 10	■ 16A, 3p, 230V ■ screwless spring terminal ■ external fixing ■ cable entry from top	1341
	Panel mounted socket ⚠ IP 44 Std. Pack. Qty: 10	■ 16A, 3p, 230V ■ equipped with an eyelet for a padlock ■ 20° inclination ■ flange: 68 x 62 mm ■ fixing hole spacing: 47 x 47 mm	851
		■ Plug with eyelet 16A, 3p, 230V, for panel mounted socket 851	852
	ProTOP plug ⚠ IP 44 Std. Pack. Qty: 10	■ 16A, 3p, 230V ■ with screw terminals ■ cable gland and sealing ■ strain relief and protection against kinking ■ enclosure with thread lock and safety slide	148
	Built-in plug CaraCONTACT ⚠ IP 44 Std. Pack. Qty: 10	■ 16A, 3p, 230V ■ nickel plated contacts ■ flange: 122 x 100 mm ■ fixing hole spacing: 105 x 74 mm Lid: electric grey	8001
		Lid: black	8008
		Counter frame for built-in plugs CaraCONTACT 8001 and 8008	40744
	Connector ProTOP ⚠ IP 44 Std. Pack. Qty: 10	■ 16A, 3p, 230V ■ with screw terminals ■ cable gland and sealing ■ strain relief and protection against kinking ■ enclosure with thread lock and safety slide	180AC
	Angled connector ⚠ IP 44 Std. Pack. Qty: 10	■ 16A, 3p, 230V ■ with grommet	1438

Index of part numbers

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Special plugs and sockets, accessories

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1	22	255	38	412	42	744	76	1148A	31	1458	32	1720	23	1980	79
2	22	256	38	418	23	745	77	1149A	31	1459	32	1721	23	1981	41
3	38	257	38	419	23	746	77	1150A	31	1460	32	1723	23	1982	41
4	38	259	38	420	23	747	77	1151A	31	1461	32	1724	23	1983	41
5	46	260	38	421	23	748	77	1152A	31	1462	31	1725	23	1984	41
6	46	261	38	422	23	749	77	1153A	31	1463	31	1726	23	2000	22
13A	38	262	38	509	46	750	77	1154A	31	1464	31	1727	23	2007A	22
14A	38	263	38	510	46	751	77	1155A	31	1465	31	1730	23	2014	38
15A	46	264	38	511	46	752	77		34	1466	31	1733	33	2015	38
16A	46	265	38	512	46	761	46	1166	33	1467	31	1734	33	2026	46
31	23	266	38	513	46	763	46	1167	33	1468	31	1735	33	2027	46
32	23	267	38	514	46	765	46	1168	34	1469	31	1737	33	2123	72
33	38	268	38	515	46	800	40	1169	34	1470	31	1738	33	2139	22
34	38	269	38	516	46	801	40	1171	34	1471	31	1739	33	2166	77
35	46	277	39	517	46	802	40	1173	34	1472	31	1740	33	2167	77
36	46	278	39	518	46	803	40	1177	22	1473	31	1741	33	2168	38
100	22	279	39	519	46	804	40	1178	22	1474	32	1742	33	2169	22
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102	22	281	39	522	46	812	41	1193	22	1476	32	1744	33	2177	73
103	22	282	39	523	46	813	41	1194	22	1477	32	1745	33	2178	38
104	22	283	39	524	46	814	41	1195	22	1478	32	1746	33	2179A	32
105	22	284	39	525	46	815	41	1196	22	1479	32	1747	33	2180A	32
106	22	285	39	526	46	816	41	1197	22	1480	32	1749	33	2181A	32
107	22	286	39	527	46	817	41	1198	22	1481	32	1750	23	2188	22
108	22	287	39	528	46	819	41	1199	22	1482	32	1751	23	2189	38
109	22	288	39	529	46	820	41	1200	22	1483	32	1752	23	2193	46
110	22	289	39	530	46	821	41	1201	22	1484	32	1753	23	2195	38
111	22	290	39	531	46	822	41	1202	22	1485	32	1754	23	2196	46
121	46	291	39	539	47	824	41	1203	22	1486	31	1755	23	2199	22
122	46	292	39	540	47	825	41	1204	22	1487	31	1756	23	2212	76
125	46	293	39	541	47	826	41	1205	22	1489	32	1757	23	2213	77
126	46	294	39	542	47	827	41	1206	22	1490	32	1786	33	2241	22
127	46	295	39	543	47	828	41	1207	22	1491	31	1787	33	2243	38
128A	22	296	39	544	47	829	41	1208	22	1492	31	1788	33	2244	38
129A	22	297	39	545	47	830	41	1209	22	1493	31	1789	33	2245	46
130A	22	298	39	546	47	831	41	1210	22	1494	31	1790	33	2255	77
131A	22	299	39	547	47	832	41	1211	22	1495	31	1791	33	2271	38
132A	22	300	39	548	47	833	41	1212	22	1496	31	1792	33	2296	76
133A	22	315	38	549	47	834	41	1213	22	1497	31	1793	33	2317	76
134A	22	318	44	550	47	835	41	1214	22	1498	31	1794	33	2324	77
135A	22	319	44	551	47	836	41	1215	22	1499	31	1795	33	2341	38
136A	22	321	44	552	47	837	41	1216	40	1500	31	1796	33	2359	40
137	22	322	44	553	47	838	41	1217	40	1501	32	1797	33	2386	40
138	22	325	44	554	47	839	41	1247A	31	1502	32	1798	33	2400	40
139	22	327	44	555	47	840	41	1248A	31	1503	32	1800	33	2405	77
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143	22	331	40	559	47	847	40	1261A	31	1507	32	1804	34	2460	77
147A	38	332	40	560	47	851	85	1263A	32	1551	32	1805	34	2478	45
148A	38, 85	333	40	561	47	852	85	1264A	32	1555	22	1806	34	2488	78
151A	38	334	40	562	47	853	41	1265A	32	1556	22	1807	34	2493	46
152A	38	335	40	577	78	854	45	1267	22	1557	22	1808	34	2495	46
153A	38	336	40	578	78	855	45	1268	22	1567	32	1809	34	2511	45
159	38	337	40	583	78	856	22	1269	22	1568	32	1810	34	2517	46
160	38	338	44	584	78	857	31	1270	78	1579	78	1811	34	2617	78
163	38	339	44	585	78	858	31	1271	78	1594	78	1812	34	2644	72
164	38	340	44	586	78	859	44	1272	78	1595	78	1813	34	2648	76
165	38	341	40	590	78	890	38	1273	78	1602	78	1814	34	2668	40
179A	46	342	40	591	78	891	38	1340	23	1603	78	1815	34	2674	46
180A	46	343	40	596	78	903	32	1341	23, 85	1618	33	1816	34	2692	73
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181A	46	345	40	598	78	907	33	1343	23	1631	33	1818	34	2782	76
193A	46	346	40	599	78	913	45	1344	23	1632	33	1819	34	2818	76
194A	46	347	40	603	78	921	40	1345	23	1633	33	1820	34	2841	78
195A	46	348	40	604	78	922	40	1346	23	1635	33	1823	78	2845	78
200	23	349	40	609	78	947	38	1347	23	1636	33	1825	78	2852	78
203A	32	352	40	610	78	948	38	1348	23	1637	33	1829	78	2855	78
204A	32	353	40	611	78	951	38	1349	23	1638	33	1831	78	2860	78
205A	32	354	40	612	78	952	38	1365	31	1639	33	1832	78	2864	78
206A	32	355	40	616	78	953	38	1366	31	1640	33	1835	78	2869	78
207A	32	356	40	617	78	954	38	1367	31	1641	33	1837	78	2870	78
208A	32	357	40	622	78	965	46	1368	22	1642	33	1838	78	2883	76
209A	32	358	40	623	78	979	46	1369	22	1643	33	1844	78	3004	33
210A	32	359	40	624	78	980	46	1370	22	1644	33	1844	78	3008	33
211A	32	360	40	625	78	987	33	1372	22	1646	33	1845	78	3031	31
212A	32	361	40	625A	79	988	33	1373	22	1647	23	1848	78	3036	31
213A	32	362	40	656A	79	989	33	1374	22	1648	23	1850	78	3048	33
214A	32	363	40	661A	79	993	46	1384	21	1649	23	1851	23	3049	33
215A	32	364	40	662A	79	994	46	1385	31	1650	23	1852	23	3054	31
216A	32	365	40	663A	79	996	46	1386	31	1651	23	1855	23	3055	31
217A	32	366	40	664A	79	997	33	1388	31	1657	78	1856	23	3057	31
218A	32	367	40	668A	79	998	33	1389	31	1661	78	1857	23	3059	31
219A	32	368	40	669A	79	1035	76	1390	31	1667	33	1858	23	3060	31
220A	32	372	42	674A	79	1040	76	1391	31	1668	33	1859	23	3070	33
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