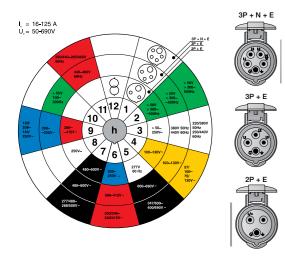
IEC 60 302-2 "clock"



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Contact us

Low Voltage Products Division Foleshill Enterprise Park Courtaulds Way Coventry CV6 5NX Tel: 02476 368500

www.abb.com/lowvoltage Email: LV.Enquiries@gb.abb.com

Thomas & Betts Wilford Road Nottingham NG2 1EB Tel: 0115 964 3700

www.tnb.com/uk Email: enquiryuk@tnb.com

www.abb.com/lowvoltage

Easy & Safe IP44 splash proof



Without saving on the quality the Easy & Safe is the range that has an ergonomic design and full of small practical features. The device has a natural designed grip that makes it easy to work with during connection. The combined cable clamp / cable gland, where the strain relief is created by tightening of the gland nut, has a locking mechanism that will continuously apply pres-sure to the cable. The installation is easy done due to the clear terminal marking. After connecting the cables the housing is easily closed by a twist. The plastic material PA is used to provide a device that meets requirements of quality and safety. For the user, small features are included such as a sealing / lock-ing feature to avoid accidental disconnection of for example a PA system. A suspension function that enables the user to hang the connector/plug that is not used on the wall or connect to a flexible wire in the ceiling (drop feed).

Tough & Safe IP67 weather proof & Safe



Tough & Safe is the range for applications in environments that have high demand of functionality and safety. The robust housing is made of PBT plastic. The range Tough & Safe is available as watertight (IP67, 16 - 125A) and splashproof (IP44, 63A). The devices are equipped with internal and external cable clamps. The 125A devices are equipped with two screws on each terminal.

Critical & Safe IP67 weather proof



Critical & Safe is the range for applications with high demands on safety, durability and performance. Perfect for applications with frequent connection / disconnection, and to use in public areas. The housing is made of PBT or aluminum. PBT is a tough plastic material that withstands heavy-duty usage and most chemicals found in industrial environments. The aluminum housing is a mix of aluminium and silicon called Silumin, which gives an excellent protection against corrosion while being robust and tough against impact and sun light.







Tough & Safe IP67 weather proof





Safe Plugs IP67

Cable entry with compression gland. Cable area 1 - 2.5mm

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA193500R1000	3.98
		Yellow	100-130	2CMA193504R1000	31.50
		Black	600-690	2CMA193505R1000	15.40
3P+E	4	Black	480-500	2CMA193507R1000	23.10
		Blue	200-250	2CMA193508R1000	23.10
		Red	440-460	2CMA193509R1000	23.10

32A Thermoplastic

Cable entry with compression gland. Cable area 2.5 - 6mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	2P+E 3	Yellow	100-130	2CMA193512R1000	10.63
ZP+E	3	Blue	200-250	2CMA193513R1000	12.34
		Black	600-690	2CMA193514R1000	42.00
		Red	380-415	2CMA193515R1000	12.18
3P+E	4	Black	480-500	2CMA193516R1000	23.45
		Blue	200-250	2CMA193517R1000	23.45
		Red	440-460	2CMA193518R1000	23.45



63A Thermoplastic

Cable entry with compression gland. Cable area 4 - 16mm²

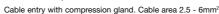
Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA166740R1000	41.20
2P+E	3	Blue	200-250	2CMA166742R1000	44.56
		Black	600-690	2CMA166750R1000	83.65
0D.F		Red	380-415	2CMA166752R1000	43.96
3P+E	4	Black	480-500	2CMA166754R1000	96.95
		Blue	200-250	2CMA166756R1000	96.95
3P+N+E	5	Red	346-415	2CMA166764R1000	52.85



Cable entry with compression gland. Cable area 1 - 2.5mm²

Type	Poles	Colour	Voltage	Order Code	Price £
		Yellow	100-130	2CMA193522R1000	17.40
3P+E	4	Red	380-415	2CMA193523R1000	8.93
3P+E		Black	480-500	2CMA193524R1000	24.50
		Blue	200-250	2CMA193525R1000	24.50
3P+N+E	5	Red	346-415	2CMA193526R1000	10.85





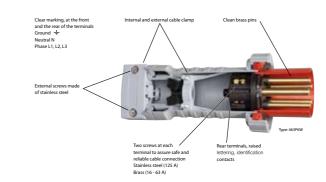
Type Poles Colour Voltage Order Code 2P+E 3 Yellow 100-130 2CMA193527R1000 Blue 200-250 2CMA193528R1000 Black 600-690 2CMA193533R1000 Red 380-415 2CMA193529R1000 Black 480-500 2CMA193534R1000					
е	Poles	Colour	Voltage	Order Code	Price £
_		Yellow	100-130	2CMA193527R1000	11.76
_	,	Blue	200-250	2CMA193528R1000	13.99
		Black	600-690	2CMA193533R1000	49.00
_	4	Red	380-415	2CMA193529R1000	14.00
_		Black	480-500	2CMA193534R1000	31.50
		Blue	200-250	2CMA193530R1000	19.57
	E	E 3	E 3 Yellow Blue Black Fled Black	Fe 3 Yellow 100-130 Blue 200-250 Black 600-690 Red 380-415 Black 480-500	E 3 Yellow 100-130 2CMA193527R1000 Blue 200-250 2CMA193528R1000 Black 600-690 2CMA193533R1000 A Red 380-415 2CMA193529R1000 Black 480-500 2CMA193534R1000



63A Thermoplastic

Cable entry with compression gland. Cable area 4 - 16mm²

-					
Type	Poles	Colour	Voltage	Order Code	Price
2P+E	3	Yellow	100-130	2CMA166838R1000	54.2
2P+E	3	Blue	200-250	2CMA166840R1000	56.5
	4	Black	600-690	2CMA166848R1000	119.2
3P+E		Red	380-415	2CMA166850R1000	56.0
3P+E		Black	480-500	2CMA166852R1000	119.2
		Blue	200-250	2CMA166854R1000	119.2
3P+N+E	5	Red	346-415	2CMA166862R1000	57.4



Sockets IP67

Flexible membrane and M20 insert for top cable entry. Rear knockout cable entry. Cable area 1.5 - 4mm²

Type	Poles	Colour	Voltage	Order Code	Price £
		Yellow	100-130	2CMA193104R1000	30.87
		Black	600-690	2CMA193105R1000	60.69
3P+E	4	Red	380-415	2CMA193106R1000	11.06
3P+E		Black	480-500	2CMA193107R1000	31.92
		Blue	200-250	2CMA193108R1000	30.38
		Red	440-460	2CMA193110R1000	34.06



Cable entry with compression gland. Cable area 2.5 - 6mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	0	Yellow	100-130	2CMA193121R1000	13.09
ZP+E	3	Blue	200-250	2CMA193122R1000	13.26
		Black	600-690	2CMA193129R1000	75.88
3P+E	4	Red	380-415	2CMA193130R1000	14.00
3P+E	4	Black	480-500	2CMA193131R1000	30.84
		Blue	200-250	2CMA193132R1000	30.84



Cable entry M32. Alternative rear knockout cable entry. Cable area 6 - 25mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA167474R1000	102.80
2P+E	3	Blue	200-250	2CMA167476R1000	102.80
		Black	600-690	2CMA167496R1000	121.17
3P+E	4	Red	380-415	2CMA167498R1000	47.81
3P+E		Black	480-500	2CMA167500R1000	121.17
		Blue	200-250	2CMA167502R1000	121.17
3P+N+E	5	Red	346-415	2CMA167484R1000	51.17







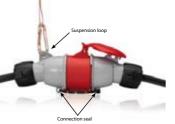
Industrial plugs & sockets ABB the original

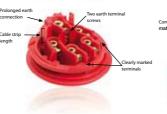


Easy & Safe IP44 splash proof









Sockets IP44

Flexible membrane and M20 insert for top cable entry.

Colour

Red

Rear knockout cable entry. Cable area 1.5 - 4mm²



30.87

60.69

11.06

31.92

30.38

34.06

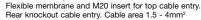












Туре	Poles	Colour	Voltage	Order Code	Price £
		Yellow	100-130	2CMA193104R1000	30.87
		Black	600-690	2CMA193105R1000	60.69
3P+E	4	Red	380-415	2CMA193106R1000	11.06
3P+E		Black	480-500	2CMA193107R1000	31.92
		Blue	200-250	2CMA193108R1000	30.38
	i				

уре	Poles	Colour	Voltage	Order Code	Price £
		Yellow	100-130	2CMA193104R1000	30.87
		Black	600-690	2CMA193105R1000	60.69
P+E	4	Red	380-415	2CMA193106R1000	11.06
P+E		Black	480-500	2CMA193107R1000	31.92
		Blue	200-250	2CMA193108R1000	30.38
		Red	440-460	2CMA193110R1000	34.06

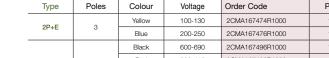
32A Thermoplastic

Cable entry with compression gland. Cable area 2.5 - 6mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA193121R1000	13.09
2P+E	3	Blue	200-250	2CMA193122R1000	13.26
		Black	600-690	2CMA193129R1000	75.88
3P+E	4	Red	380-415	2CMA193130R1000	14.00
3P+E	4	Black	480-500	2CMA193131R1000	30.84
		Blue	200-250	2CMA193132R1000	30.84



Cable entry M32. Alternative rear knockout cable entry. Cable area 6 - 25mm²



Cable entry with compression gland. Cable area 1 - 2.5mm

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA193500R1000	3.98
		Yellow	100-130	2CMA193504R1000	31.50
		Black	600-690	2CMA193505R1000	15.40
3P+E	4	Black	480-500	2CMA193507R1000	23.10
		Blue	200-250	2CMA193508R1000	23.10
		Red	440-460	2CMA193509R1000	23.10



32A Thermoplastic

Cable entry with compression gland. Cable area 2.5 - 6mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E 3	0	Yellow	100-130	2CMA193512R1000	10.63
	Blue	200-250	2CMA193513R1000	12.34	
		Black	600-690	2CMA193514R1000	42.00
		Red	380-415	2CMA193515R1000	12.18
3P+E	4	Black	480-500	2CMA193516R1000	23.45
		Blue	200-250	2CMA193517R1000	23.45
		Red	440-460	2CMA193518R1000	23.45



63A Thermoplastic

Cable entry with compression gland. Cable area 4 - 16mm²

	Type	Poles	Colour	Voltage	Order Code	Price £
	2P+E	3	Yellow	100-130	2CMA166740R1000	41.20
2P+E	3	Blue	200-250	2CMA166742R1000	44.56	
		4	Black	600-690	2CMA166750R1000	83.65
	3P+E		Red	380-415	2CMA166752R1000	43.96
	3P+E		Black	480-500	2CMA166754R1000	96.95
			Blue	200-250	2CMA166756R1000	96.95
	3P+N+E	5	Red	346-415	2CMA166764R1000	52.85



16A Thermoplastic

Cable entry with compression gland. Cable area 1 - 2.5mm²

Type	Poles	Colour	Voltage	Order Code	Price £
		Yellow	100-130	2CMA193522R1000	17.40
3P+E	4	Red	380-415	2CMA193523R1000	8.93
3P+E		Black	480-500	2CMA193524R1000	24.50
		Blue	200-250	2CMA193525R1000	24.50
3P+N+E	5	Red	346-415	2CMA193526R1000	10.85



Cable entry with compression gland. Cable area 2.5 - 6mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA193527R1000	11.76
2F+E	3	Blue	200-250	2CMA193528R1000	13.99
4		Black	600-690	2CMA193533R1000	49.00
	4	Red	380-415	2CMA193529R1000	14.00
3P+E	3P+E	Black	480-500	2CMA193534R1000	31.50
	Blue	200-250	2CMA193530R1000	19.57	



63A Thermoplastic

Cable entry with compression gland. Cable area 4 - 16mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA166838R1000	54.25
2P+E	3	Blue	200-250	2CMA166840R1000	56.53
	P+E 4	Black	600-690	2CMA166848R1000	119.25
0D. F		Red	380-415	2CMA166850R1000	56.00
3P+E		Black	480-500	2CMA166852R1000	119.25
		Blue	200-250	2CMA166854R1000	119.25
3P+N+E	5	Red	346-415	2CMA166862R1000	57.40

32A Thermoplastic

16A Thermoplastic

Cable entry with compression gland. Cable area 2.5 - 6mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA193121R1000	13.09
2P+E	3	Blue	200-250	2CMA193122R1000	13.26
	,	Black	600-690	2CMA193129R1000	75.88
3P+E		Red	380-415	2CMA193130R1000	14.00
3P+E 4	Black	480-500	2CMA193131R1000	30.84	
		Blue	200-250	2CMA193132R1000	30.84

Voltage Order Code

2CMA193104R1000

2CMA193105R1000

2CMA193106R1000

2CMA193107R1000

2CMA193108R1000

2CMA193110R1000

100-130

600-690

480-500

440-460



63A Thermoplastic Polyester (PBT)

Cable entry M32. Alternative rear knockout cable entry. Cable area 6 - 25mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA167474R1000	102.80
2P+E	3	Blue	200-250	2CMA167476R1000	102.80
	. 4	Black	600-690	2CMA167496R1000	121.17
3P+E		Red	380-415	2CMA167498R1000	47.81
3P+E		Black	480-500	2CMA167500R1000	121.17
		Blue	200-250	2CMA167502R1000	121.17
3P+N+E	5	Red	346-415	2CMA167484R1000	51.17

32A Thermoplastic

Cable entry with compression gland. Cable area 1 - 2.5mm

Colour

Yellow

Cable entry with compression gland. Cable area 2.5 - 6mm²

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA193512R1000	10.63
2P+E	3	Blue	200-250	2CMA193513R1000	12.34
		Black	600-690	2CMA193514R1000	42.00
		Red	380-415	2CMA193515R1000	12.18
3P+E	4	Black	480-500	2CMA193516R1000	23.45
		Blue	200-250	2CMA193517R1000	23.45
	Red	440-460	2CMA193518R1000	23.45	



3.98

31.50

15.40

23.10

23.10

63A Thermoplastic

Cable entry with compression gland. Cable area 4 - 16mm²

Poles 3	Colour Yellow Blue	Voltage 100-130 200-250	Order Code 2CMA166740R1000	Price £ 41.20
3				41.20
3	Blue	200-250		
		200 200	2CMA166742R1000	44.56
	Black	600-690	2CMA166750R1000	83.65
	Red	380-415	2CMA166752R1000	43.96
4	Black	480-500	2CMA166754R1000	96.95
	Blue	200-250	2CMA166756R1000	96.95
5	Red	346-415	2CMA166764R1000	52.85
	5	4 Black Blue	4 Black 480-500 Blue 200-250	4 Black 480-500 2CMA166754R1000 Blue 200-250 2CMA166756R1000

3				
3	Blue	200-250	2CMA193513R1000	12.34
	Black	600-690	2CMA193514R1000	42.00
	Red	380-415	2CMA193515R1000	12.18
4	Black	480-500	2CMA193516R1000	23.45
	Blue	200-250	2CMA193517R1000	23.45
	Red	440-460	2CMA193518R1000	23.45

Voltage Order Code

100-130

200-250

440-460

100-130 2CMA193500R1000

600-690 2CMA193505R1000

2CMA193504R1000

2CMA193507R1000

2CMA193508R1000

2CMA193509R1000



63A Thermoplastic

Cable entry with compression gland. Cable area 4 - 16mm²

Couplers IP67

Cable entry with compression gland. Cable area 1 - 2.5mm²

Colour

Red

Cable entry with compression gland. Cable area 2.5 - 6mm²

Yellow Blue

Black

Order Code

2CMA193523R1000

2CMA193525R1000

2CMA193527R1000

2CMA193533R1000

100-130 2CMA193522R1000

480-500 2CMA193524R1000

346-415 2CMA193526R1000

Voltage Order Code

200-250 2CMA193528R1000

380-415 2CMA193529R1000

380-415

200-250

100-130

480-500

16A Thermoplastic

3P+N+E

32A Thermoplastic

Type	Poles	Colour	Voltage	Order Code	Price £
2P+E	3	Yellow	100-130	2CMA166838R1000	54.25
2P+E	3	Blue	200-250	2CMA166840R1000	56.53
		Black	600-690	2CMA166848R1000	119.25
		Red	380-415	2CMA166850R1000	56.00
3P+E	4 Black	Black	480-500	2CMA166852R1000	119.25
		Blue	200-250	2CMA166854R1000	119.25
3P+N+E	5	Red	346-415	2CMA166862R1000	57.40



17.40

8.93

24.50

10.85

11.76

13.99 49.00

14.00





Cable Stary Mezi / Mezi / Medical Cable Chary, Cable area C						
	Type	Poles	Colour	Voltage	Order Code	Price
	2P+E	3	Yellow	100-130	2CMA167474R1000	102.8
			Blue	200-250	2CMA167476R1000	102.8
	3P+E	4	Black	600-690	2CMA167496R1000	121.1
			Red	380-415	2CMA167498R1000	47.8
			Black	480-500	2CMA167500R1000	121.1
			Blue	200-250	2CMA167502R1000	121.1
	3P+N+E	5	Red	346-415	2CMA167484R1000	51.1











Critical Plugs IP67

16A Thermoplastic