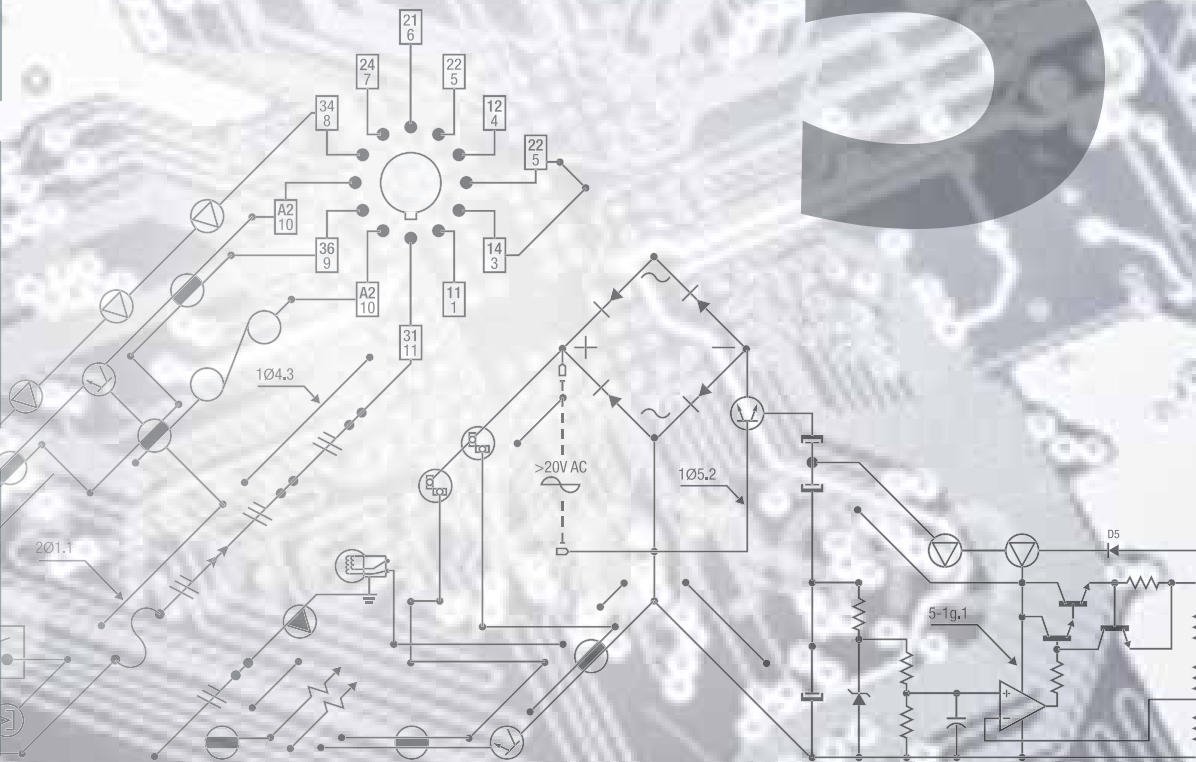


Control and Isolation Products



- Plug in Power Relays
- Available in 2, 3 & 4 Pole
- Change Over Contacts
- Built in Lockable Test Button, Flag & LED Indicator
- AC & DC Coils
- Din Rail Mounted Sockets
- Industry Standard Terminations



HF18FHA0244Z1D



HF10FH024D2ZDT



HF10FH230A3ZDT

4 POLE 14 PIN 5 AMP PLUG IN POWER RELAY

Part Number	Coil Voltage	Coil Power
HF18FH0124Z1D	12VDC	0.9W
HF18FH0244Z1D	24VDC	0.9W
HF18FHA0124Z1D	12VAC	1.2VA
HF18FHA0244Z1D	24VAC	1.2VA
HF18FHA1204Z1D	110VAC	1.2VA
HF18FHA240Z1D	240VAC	1.2VA

Also available in 2 & 3 Pole

2 POLE 8 PIN 10 AMP PLUG IN POWER RELAY

Part Number	Coil Voltage	Coil Power
HF10FH012D2ZDT	12VDC	1.5W
HF10FH024D2ZDT	24VDC	1.5W
HF10FH012A2ZDT	12VAC	2.7VA
HF10FH024A2ZDT	24VAC	2.7VA
HF10FH120A2ZDT	110VAC	2.7VA
HF10FH230A2ZDT	240VAC	2.7VA

3 POLE 11 PIN 10 AMP PLUG IN POWER RELAY

Part Number	Coil Voltage	Coil Power
HF10FH012D3ZDT	12VDC	1.5W
HF10FH024D3ZDT	24VDC	1.5W
HF10FH012A3ZDT	12VAC	2.7VA
HF10FH024A3ZDT	24VAC	2.7VA
HF10FH120A3ZDT	110VAC	2.7VA
HF10FH230A3ZDT	240VAC	2.7VA

4 POLE 14 PIN DIN MOUNT SOCKETS

Part Number	Ejector Clip	Marking Tag
18FF-4Z-C4	18FF-ERC	18FF-MARKING TAG
18FF-4Z-C5	18FF-ERC	18FF-MARKING TAG
18FF-4Z-C7	n/a*	18FF-MARKING TAG C7
18FF-4Z-C8	18FF-ERC	18FF-MARKING TAG C8

* Metal Retaining Clip 18FF-KRC available

C5 Socket has Dual A2 Terminal

Please order Socket, Ejector Clip and Marking Tags separately if required.

8 & 11 PIN DIN MOUNT SOCKETS

Part Number	For Relay
10FF-2Z-C3	8 Pin Relay
10FF-3Z-C3	11 Pin Relay

Metal Retaining Clip 10FF-TEC available



18FF-4Z-C4



18FF-4Z-C5



18FF-4Z-C7



18FF-4Z-C8



10FF-2Z-C3



10FF-3Z-C3

- Din Rail Mounted
- Available in Single & Double Pole
- Change Over Contacts
- AC & DC Coils
- Supplied with Retaining / Ejector Clip, LED & Identification Tag
- Supplied assembled



6MM 6 AMP ULTRA SLIM RELAY INTERFACE MODULE

Part Number	Coil Voltage	Coil Consumption
41F-1Z-C2-1-12	12VAC/DC	16mA
41F-1Z-C2-1-24	24VAC/DC	12mA
41F-1Z-C2-2-48	48VAC/DC	6.9mA
41F-1Z-C2-3-125	110VAC/DC	5mA
41F-1Z-C2-4-240	240VAC/DC	4mA
41F-20	20 Way Jumper Link	



2RM-240A-3

10 AMP SINGLE POLE BMS RELAY INTERFACE MODULE

Part Number	Coil Voltage	Coil Power
TRM-12	12VDC	250mW
TRM-24	24VDC	250mW

RELAY INTERFACE MODULE

12 Amp Single Pole	16 Amp Single Pole	8 Amp Double Pole	8 Amp Double Pole, Type 3	Coil Voltage	Coil Power
1RM-12	1RM-12-16A-3	2RM-12	2RM-12-3	12VDC	400mW
1RM-24	1RM-24-16A-3	2RM-24	2RM-24-3	24VDC	400mW
1RM-24A	1RM-24A-16A-3	2RM-24A	2RM-24A-3	24VAC	0.75VA
1RM-110A	1RM-110A-16A-3	2RM-110A	2RM-110A-3	110VAC	0.75VA
1RM-240A	1RM-240A-16A-3	2RM-240A	2RM-240A-3	240VAC	0.75VA

RELAY INTERFACE MODULE WITH BUILT IN LOCKABLE TEST BUTTON & LED

16 Amp Single Pole	8 Amp Double Pole	Coil Voltage	Coil Power
1RMTFL-12	2RMTFL-12	12VDC	400mW
1RMTFL-24	2RMTFL-24	24VDC	400mW
1RMTFL-24A	2RMTFL-24A	24VAC	0.75VA
1RMTFL-110A	2RMTFL-110A	110VAC	0.75VA
1RMTFL-240A	2RMTFL-240A	240VAC	0.75VA

6MM SOLID STATE RELAY INTERFACE MODULES 15MM SOLID STATE RELAY INTERFACE MODULES

Part Number	Description
SSRM-1-12	6mm 4 Amp 24VDC Output 12VACDC Input
SSRM-1-24	6mm 4 Amp 24VDC Output 24VACDC Input
SSRM-2-48	6mm 4 Amp 24VDC Output 48VAC Input
SSRM-3-110	6mm 4 Amp 24VDC Output 110VAC Input
SSRM-4-240	6mm 4 Amp 24VDC Output 240VAC Input

Part Number	Description
SSRM-12	15mm 5 Amp 24VDC Output 12VDC Input
SSRM-24	15mm 5 Amp 24VDC Output 24VDC Input
SSRM-48	15mm 5 Amp 24VDC Output 48VDC Input
SSRMA-12	15mm 2 Amp 240VAC Output 12VDC Input
SSRMA-24	15mm 2 Amp 240VAC Output 24VDC Input

2 Amp 240VAC Output version also available



41F-1Z-C2-1-24



TRM-12



1RM-24-16A-3



2RM-24A



1RMTFL-24A



SSRM-1-24



H3D-M

- Multi Voltage
- Multi Function
- 17.5mm Profile available
- Wide Time Ranges 1 Sec to 100 Hours

- Din Rail Mountable
- LED Power and Timing Indication



Features

- Functions include On Delay, On Pulse, Cyclic, Delay Off
- Adjustable time ranges
- High Repeat accuracy
- LED Indication

Features

- Functions: On Delay & Cyclic
- 8 Fully Adjustable time ranges
- Plug In
- High Repeat accuracy
- LED Indication

17.5MM DIN RAIL MOUNT ELECTRONIC TIMERS

Part Number	Amperage	Description
H3D-M	8A	SPCO 7 Function Timer 12-240VAC/DC
STM-103	8A	3PCO 10 Function Timer 12-240VAC/DC
ET2-41	5A	DPCO Asymmetrical Recycler 24-240VAC/DC
STS-D	16A	DPCO Star Delta Timer 12-240VAC/DC
STT-OD	8A	DPCO True Off Delay Timer 12-240VAC/DC

4 POLE 14 PIN 5 AMP PLUG IN ELECTRONIC TIMER

Part Number	Voltage	Description
AMY-N4-12VDC	12VDC	4PCO Multi Function Plug in Timer
AMY-N4-24VDC	24VDC	4PCO Multi Function Plug in Timer
AMY-N4-24VAC	24VAC	4PCO Multi Function Plug in Timer
AMY-N4-110VAC	110VAC	4PCO Multi Function Plug in Timer
AMY-N4-240VAC	240VAC	4PCO Multi Function Plug in Timer
18FF-4Z-C8	14 Pin Din Rail Mount Socket for above	

16 AMP DIN RAIL MOUNT TIME CLOCKS

Part Number	Voltage	Minimum Interval	Description
STS-DW-230	230VAC	1 Second	SPCO Digital Time Clock
STS-DW	12-240VAC	1 Second	SPCO Digital Time Clock
STS-2DW-230	230VAC	1 Second	DPCO Digital Time Clock
STS-2DW	12-240VAC	1 Second	DPCO Digital Time Clock
NAPA-D	230VAC	10 Minutes	SPCO Mechanical Time Clock
NAPA-W	230VAC	1 Hour	SPCO Mechanical Time Clock

17.5MM DIN RAIL MOUNT CONTROL RELAYS

Part Number	Description
SPR-400	3 Phase Failure Relay with adjustable time delay 400VAC
SPR-400N	3 Phase +N Failure Relay with adjustable time delay 400VAC
STR-PTC	Thermistor Relay 24-240VAC/24VDC DPCO 1.8-3.3K Ohm
SCR-1A	AC Current Sensing Relay 24-240VAC/24VDC SPCO 0.1-1 Amp
SCR-2A	AC Current Sensing Relay 24-240VAC/24VDC SPCO 0.2-2 Amp
SCR-5A	AC Current Sensing Relay 24-240VAC/24VDC SPCO 0.5-5 Amp
SCR-8A	AC Current Sensing Relay 24-240VAC/24VDC SPCO 0.8-8 Amp



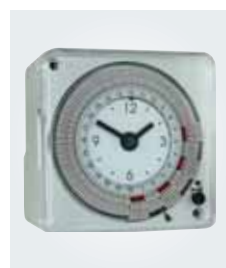
STM-103



AMY-N4



STS-DW



NAPA-D



SPR-400



STR-PTC

MODULAR CONTACTORS

- Din Rail Mounted
- Single & 3 Phase applications
- Suitable for Heating, Lighting & Motor Control
- 2 & 4 Pole Versions
- AC1 Rating 20 to 63 Amp



Part Number	Amperage AC1	Poles	Coil Voltage
SMC-2020-230	20A	2 NO	230VAC
SMC-2520-230	25A	2 NO	230VAC
SMC-4040-230	40A	4 NO	230VAC
SMC-6340-230	63A	4 NO	230VAC

Other voltages available upon request



SMC-2020-230

LATCHING RELAYS

- Din Rail Mounted
- Impulse Latching & Electronic Latching Versions
- 16 Amp Switching
- 2 Pole Change Over
- 17.5mm width
- Continuously Rated Coil
- Manual Override Button



Part Number	Description
SCLR2-12VDC	DPCO 16A Impulse Latching Relay 12VDC
SCLR2-24VDC	DPCO 16A Impulse Latching Relay 24VDC
SCLR2-24VAC	DPCO 16A Impulse Latching Relay 24VAC
SCLR2-230VAC	DPCO 16A Impulse Latching Relay 230VAC
SLR-2	DPCO 16A Electronic Latching Relay 12V-240VAC

Other voltages available upon request



SCLR2-230VAC

TRANSFORMERS

- Single Phase Single Voltage Transformers
- 240VAC Input 24VAC Output
- from 50 to 1000VA
- IP20 Touch Proof Terminals
- Varnish Impregnation & Core Earth Connection
- Designed to EN61558-1



Part Number	Description
SV0050P4S6	50VA 240VAC to 24VAC Transformer
SV0100P4S6	100VA 240VAC to 24VAC Transformer
SV0150P4S6	150VA 240VAC to 24VAC Transformer
SV0200P4S6	200VA 240VAC to 24VAC Transformer
SV0250P4S6	250VA 240VAC to 24VAC Transformer
SV0300P4S6	300VA 240VAC to 24VAC Transformer
SV0400P4S6	400VA 240VAC to 24VAC Transformer
SV0500P4S6	500VA 240VAC to 24VAC Transformer
SV0750P4S6	750VA 240VAC to 24VAC Transformer
SV1000P4S6	1KVA 240VAC to 24VAC Transformer

Also available: 240VAC to 110VAC & 415VAC to 240VAC, Multi Voltage Transformers



SV0200P4S6

- Din Rail Mounted
- 10 Watt to 960 Watt
- Input range 85VAC to 550VAC, 120 to 780VDC

- Out Put Voltage of 12VDC & 24VDC
- Approved to EN55022 Class B & EN6100-3-2,3

- Built in Power On LED
- Built in Overload, Short Circuit Over Voltage and Over Temperature Protection.



DR-75-24



MDR-40-24



DRT-240-24

DR SERIES SWITCH MODE POWER SUPPLIES

Part Number	Watts	Input Voltage	Output V & A
DR-15-12	15 Watt	85-264VAC 120-370VDC	12VDC 1.25A
DR-15-24	15 Watt	85-264VAC 120-370VDC	24VDC 0.63A
DR-30-12	30 Watt	85-264VAC 120-370VDC	12VDC 2A
DR-30-24	30 Watt	85-264VAC 120-370VDC	24VDC 1.5A
DR-45-12	45 Watt	85-264VAC 120-370VDC	12VDC 3.5A
DR-45-24	45 Watt	85-264VAC 120-370VDC	24VDC 2A
DR-60-12	60 Watt	88-264VAC 124-370VDC	12VDC 4.5A
DR-60-24	60 Watt	88-264VAC 124-370VDC	24VDC 2.5A
DR-75-12	75 Watt	85-264VAC 120-370VDC	12VDC 6.3A
DR-75-24	75 Watt	85-264VAC 120-370VDC	24VDC 3.2A
DR-100-12	100 Watt	88-264VAC 124-370VDC	12VDC 7.5A
DR-100-24	100 Watt	88-264VAC 124-370VDC	24VDC 4.2A
DR-120-12	120 Watt	88-264VAC 248-370VDC*	12VDC 10A
DR-120-24	120 Watt	88-264VAC 248-370VDC*	24VDC 5A
DRP-240-24	240 Watt	85-264VAC 120-370VDC	24VDC 10A
DRP-480-24	480 Watt	180-264VAC 250-370VDC	24VDC 20A

Other voltages available upon request * 88-132 / 178-264 VAC selectable via dip switch

MDR SERIES SWITCH MODE POWER SUPPLIES

Part Number	Watts	Input Voltage	Output V & A
MDR-10-12	10 Watt	85-264VAC 120-370VDC	12VDC 0.8A
MDR-10-24	10 Watt	85-264VAC 120-370VDC	24VDC 0.4A
MDR-20-12	20 Watt	85-264VAC 120-370VDC	12VDC 1.67A
MDR-20-24	20 Watt	85-264VAC 120-370VDC	24VDC 1A
MDR-40-12	40 Watt	85-264VAC 120-370VDC	12VDC 3.33A
MDR-40-24	40 Watt	85-264VAC 120-370VDC	24VDC 1.7A
MDR-60-12	60 Watt	85-264VAC 120-370VDC	12VDC 5A
MDR-60-24	60 Watt	85-264VAC 120-370VDC	24VDC 2.5A
MDR-100-12	100 Watt	85-264VAC 120-370VDC	12VDC 7.5A
MDR-100-24	100 Watt	85-264VAC 120-370VDC	24VDC 4A

Other voltages available upon request

DRH & DRT SERIES 2 & 3 PHASE SWITCH MODE POWER SUPPLIES

Part Number	Watts	Input Voltage	Output V & A
DRH-120-24	120 Watt	340-550VAC 2ph, 480-780VDC	24VDC 5A
DRT-240-24	240 Watt	340-550VAC 3ph, 480-780VDC	24VDC 10A
DRT-480-24	480 Watt	340-550VAC 3ph, 480-780VDC	24VDC 20A
DRT-960-24	960 Watt	340-550VAC 3ph	24VDC 40A

Other voltages available upon request

DR SERIES UPS & REDUNDANCY MODULES

Part Number	Voltage	Output Current	Relay Rating
DR-UPS40	24-29VDC	40A	1A 30VDC
DR-RDN20	21-29VDC	20A	1A 30VDC

Other voltages available upon request

Features

- Battery Polarity Protection
- Relay Output



DR-30-24



DR-45-24



MDR-20-24



DR-UPS40

- Available in 16 & 22.5mm colours
- Standard, Lamp Test and Anti Interference versions
- High Visibility in all
- Long Life Multi Chip LED Technology
- Low Power Consumption
- IP65
- Cool Running, Vibration Resistant



PL16-24Y



PL22-AI-24G



PL22-LT-12B



SP-22R-230



PL22-230R

16MM LED PILOT LAMPS

12VACDC	24VACDC	110VAC	230VAC	Colour
PL16-12R	PL16-24R	PL16-110R	PL16-230R	Red
PL16-12Y	PL16-24Y	PL16-110Y	PL16-230Y	Amber
PL16-12B	PL16-24B	PL16-110B	PL16-230B	Blue
PL16-12G	PL16-24G	PL16-110G	PL16-230G	Green
PL16-12W	PL16-24W	PL16-110W	PL16-230W	White

22.5MM LED PILOT LAMPS

12VACDC	24VACDC	110VAC	230VAC	Colour
PL22-12R	PL22-24R	PL22-110R	PL22-230R	Red
PL22-12Y	PL22-24Y	PL22-110Y	PL22-230Y	Amber
PL22-12B	PL22-24B	PL22-110B	PL22-230B	Blue
PL22-12G	PL22-24G	PL22-110G	PL22-230G	Green
PL22-12W	PL22-24W	PL22-110W	PL22-230W	White

22.5MM LED PILOT LAMPS LAMP ANTI-INTERFERENCE VERSION

12VACDC	24VACDC	110VAC	230VAC	Colour
PL22-AI-12R	PL22-AI-24R	PL22-AI-110R	PL22-AI-230R	Red
PL22-AI-12Y	PL22-AI-24Y	PL22-AI-110Y	PL22-AI-230Y	Amber
PL22-AI-12B	PL22-AI-24B	PL22-AI-110B	PL22-AI-230B	Blue
PL22-AI-12G	PL22-AI-24G	PL22-AI-110G	PL22-AI-230G	Green
PL22-AI-12W	PL22-AI-24W	PL22-AI-110W	PL22-AI-230W	White

Internal Voltage Suppression, prevents low voltage glow

22.5MM LED PILOT LAMPS LAMP TEST VERSION

12VACDC	24VACDC	110VAC	230VAC	Colour
PL22-LT-12R	PL22-LT-24R	PL22-LT-110R	PL22-LT-230R	Red
PL22-LT-12Y	PL22-LT-24Y	PL22-LT-110Y	PL22-LT-230Y	Amber
PL22-LT-12B	PL22-LT-24B	PL22-LT-110B	PL22-LT-230B	Blue
PL22-LT-12G	PL22-LT-24G	PL22-LT-110G	PL22-LT-230G	Green
PL22-LT-12W	PL22-LT-24W	PL22-LT-110W	PL22-LT-230W	White

3 Terminal version, 3rd terminal for Lamp Test Input

22.5MM PIEZO ALARM & COMBINED LED & ALARM

Alarm Only		Alarm & LED		Voltage
Pulsating Alarm	Continuous Alarm	Pulsating/Flashing	Continuous	
SP-22B-12	SC-22B-12	SP-22*-12	SC-22*-12	12VACDC
SP-22B-24	SC-22B-24	SP-22*-24	SC-22*-24	24VACDC
SP-22B-110	SC-22B-110	SP-22*-110	SC-22*-110	110VAC
SP-22B-230	SC-22B-230	SP-22*-230	SC-22*-230	230VAC

* = Colour, R = Red, G = Green, Y = Amber

PL FIXING TOOL

16mm	22.5mm
PL16-FT	PL22-FT

- 22.5mm panel Mount
- IP65 Protection
- Opaque or Illuminated
- Supplied complete with Contact Blocks
- Quick Fit, easy to install quick release coupling
- Colour coded contacts
- 10 Amp Rated Contacts



PB22BFB-1A



PB22BFG-1A



PB22BKR-1B



PB22SS4B-1AA



PB22KS65-1AA

22.5MM PUSH BUTTONS

Part Number	LED Illuminated		Description
	24VACDC	230VAC	
PB22BFR-1B	PB22IF7RL-1B	PB22IF2RL-1B	Red Push button with 1 Normally Closed Contact
PB22BFG-1A	PB22IF7GL-1A	PB22IF2GL-1A	Green Push button with 1 Normally Open Contact
PB22BFY-1A	PB22IF7YL-1A	PB22IF2YL-1A	Yellow Push button with 1 Normally Open Contact
PB22BFB-1A	PB22IF7BL-1A	PB22IF2BL-1A	Blue Push button with 1 Normally Open Contact
PB22BFW-1A	PB22IF7WL-1A	PB22IF2WL-1A	White Push button with 1 Normally Open Contact
PB22BFB-1A	-	-	Black Push button with 1 Normally Open Contact
PB22BFWA-1A	-	-	White Push button with Black Arrow & 1 NO Contact
PB22BFBA-1A	-	-	Black Push button with White Arrow & 1 NO Contact
PB22BKR-1B	PB22IK7RL-1B	PB22IK2RL-1B	Red Emergency Stop Twist Release with 1 NC Contact
PB22BT-1AB	PB22IT7YL-1AB	PB22IT2YL-1AB	Dual Red & Green Push Button with 1NO & 1NC Contact

Other voltages & Latching versions available upon request

22.5MM SELECTOR SWITCHES

Part Number	Position	Description
PB22SS2B-1A	↙	90° 2 Position latching with 1NO contact
PB22SS9B-1A	↘	45° 2 Position latching with 1NO contact
PB22SS3B-1A	↗	90° 2 Position Spring Return with 1NO contact
PB22SS8B-1A	↘	45° 2 Position Spring Return with 1NO contact
PB22SS4B-1AA	↙	45° 3 Position latching with 2NO contacts
PB22SS6B-1AA	↙↘	45° 3 Position Left Spring Return with 2NO contacts
PB22SS5B-1AA	↘↗	45° 3 Position Right Spring Return with 2NO contacts
PB22SS7B-1AA	↙↘↗	45° 3 Position Spring Return with 2NO contacts

Long Lever version available upon request

22.5MM KEY SWITCHES

Part Number	Position	Description
PB22KS21-1A	↙	90° 2 Position latching with 1NO contact Key removal 0 & 1
PB22KS22-1A	↙	90° 2 Position latching with 1NO contact Key removal 0
PB22KS23-1A	↙	90° 2 Position latching with 1NO contact Key removal 1
PB22KS32-1A	↗	90° 2 Position Spring Return with 1NO contact Key removal 0
PB22KS44-1AA	↙↘	45° 3 Position latching with 2NO contacts Key removal 1, 0 & 2
PB22KS45-1AA	↙↘	45° 3 Position latching with 2NO contacts Key removal 0
PB22KS-55-1AA	↙↘	45° 3 Position Right Spring Return with 2NO contacts Key removal 0
PB22KS65-1AA	↙↘	45° 3 Position Left Spring Return with 2NO contacts Key removal 0
PB22KS75-1AA	↙↘	45° 3 Position Spring Return with 2NO contacts Key removal 0



Also available, Latching and Extended Head Push Buttons.

- IP65 Protection
- Base Mounted Contacts
- Supplied complete with Contact Blocks Fitted
- Colour coded contacts
- 10 Amp Contacts
- Plastic Enclosure with 2 x 22mm Knock Outs
- Custom versions also available



PB1-BFG2-G-1A



PB1-SS2B-G-1A



PB22-BFRG-G



PB3-BFBR-G



PB1-BKR3-Y-1B

SINGLE ENCLOSED PUSH BUTTON STATIONS

Part Number	Description
PB1-BFG2-G-1A	Green Push button with 1NO Contact Grey Enclosure ON
PB1-BFR1-G-1B	Red Push button with 1NC Contact Grey Enclosure OFF
PB1-SS2B-G-1A	90° 2 Position latching Selector Switch with 1 NO Contact Grey Enclosure ON OFF
PB1-SS4B-G-1AA	45° 3 Position latching Selector Switch with 2 NO Contact Grey Enclosure ON OFF ON
PB1-KS21-G-1A	90° 2 Position latching Key Switch with 1 NO Contact Grey Enclosure ON OFF
PB1-S44-G-1AA	45° 3 Position latching Key Switch with 2 NO Contact Grey Enclosure ON OFF ON
PB1-BKR3-Y-1B	Red Emergency Stop Twist to release with 1NC Contact Yellow Enclosure EM. STOP
PB1-BPR3-Y-1B	Red Emergency Stop Push Pull with 1NC Contact Yellow Enclosure EM. STOP
PB1-BMR3-Y-1B	Red Mushroom Head Push Button with 1NC Contact Yellow Enclosure EM. STOP
PB1-KMR322-Y-1B	Red Emergency Stop Key release with 1NC Contact Yellow Enclosure EM. STOP

DOUBLE ENCLOSED PUSH BUTTON STATIONS

Part Number	Description
PB2-BFRG-G	Green & Red Push button with 1NO & 1NC Contact Grey Enclosure START STOP
PB2-BSW1-G	Green & Emergency Stop Twist Release 1NO & 1NC Contact Grey Enclosure ON EM. STOP
PB2-BFBWA-G	White & Black Arrowed Push buttons with 1NO & 1NO Contact Grey Enclosure UP DOWN



PB22-A

TRIPLE ENCLOSED PUSH BUTTON STATIONS

Part Number	Description
PB3-BSW1-G	Green, Red and E. Stop Twist Push button 1NO 1NC 1NC Grey Enc. ON OFF EM. STOP
PB3-BFBWAK-G	White & Black Arrowed Push buttons with Emergency Stop Twist Release with 1NO, 1NO & 1NC contact Grey Enclosure UP DOWN EM.STOP
PB3-BFBR-G	White & Black Arrowed Push buttons & Red Push button with 1NO, 1NO & 1NC contact Grey Enclosure UP DOWN STOP



PB22-EA

CONTROL COMPONENT ACCESSORIES

Part Number	Description
PB22-A	1 x normally open contact block
PB22-B	1 x normally closed contact block
PB22-C	1 x normally open + 1 x normally closed contact block
PB22-SC	IP67 Sealing cap for 22.5mm Push buttons
PB22BT-SC	IP65 Sealing cap for 22.5mm dual head pushbutton
PB22-EA	Yellow Emergency Stop Shroud
PB22-FT	Fixing tool for PB22 Push buttons & selector



PB22PE-02

Part Number	Legend Plate
PB22P-01	ON
PB22P-02	OFF
PB22P-03	START
PB22P-04	STOP

Part Number	Legend Plate
PB22P-13	OFF ON
PB22P-71	0 1
PB22P-19	AUTO OFF MAN
PB22P-21	MAN OFF AUTO

Part Number	60mm Yellow Disk Legend
PB22PE-02	EMERGENCY STOP

Part Number	90mm Yellow Disk Legend
PB22PEL-02	EMERGENCY STOP



TDS Rear Mount Switch

- 16 Amp to 80 Amp AC21
- 3 or 4 Pole
- IP65 Pad lockable Handle
- Door Interlocked Handle

- Base Mount and Rear Mount Versions
- 300mm Shaft included with every Base Mount Switch
- Conforms to IEC60947-3



TDS Base Mount Switch

TDS BASE MOUNT ISOLATOR, HANDLE & 300MM SHAFT

3 Pole Part Number	4 Pole Part Number	Amperage AC21
TDS316-BRR3	TDS416-BRR3	16 Amp
TDS325-BRR3	TDS425-BRR3	25 Amp
TDS333-BRR3	TDS433-BRR3	32 Amp
TDS340-BRR3	TDS440-BRR3	40 Amp
TDS366-BRR3	TDS466-BRR3	63 Amp
TDS380-BRR3	TDS480-BRR3	80 Amp

ACCESSORIES

Part Number	Amperage AC21
TDS16-AB	16A 1NO Auxiliary Contact
TDS33-AB	32A 1NO Auxiliary Contact
TDS40-AB	40A 1NO Auxiliary Contact
TDS66-AB	63A 1NO Auxiliary Contact
TDS80-AB	80A 1NO Auxiliary Contact
TDS40-C4	Terminal Shroud for 16A - 40A 4 Pole Switch
TDS80-C4	Terminal Shroud for 63A - 80A 4 Pole Switch

Auxiliary Contact for Base Mount Switch Only. Rear Mount version also available.

TDS REAR MOUNT ISOLATOR & HANDLE

3 Pole Part Number	4 Pole Part Number	Amperage AC21
TDS316-FRR	TDS416-FRR	16 Amp
TDS325-FRR	TDS425-FRR	25 Amp
TDS333-FRR	TDS433-FRR	32 Amp
TDS340-FRR	TDS440-FRR	40 Amp
TDS366-FRR	TDS466-FRR	63 Amp
TDS380-FRR	TDS480-FRR	80 Amp

ENCLOSED ISOLATORS



TD425

- 16 Amp to 80 Amp AC21
- 3, 4, 6 & 8 Pole
- IP65 Weather Proof Enclosure
- Door Interlocked Handle
- Pad lockable in Off Position

- Earth & Neutral Terminal included
- Conforms to IEC60947-3
- 6 Knockouts. 16A - 40A M20. 63A - 80A M25



TD 3 & 4 POLE ROTARY ENCLOSED ISOLATORS

3 Pole Part Number	4 Pole Part Number	Amperage AC21	Dimensions
TD316	TD416	16 Amp	128 x 116 x 127mm
TD325	TD425	25 Amp	128 x 116 x 127mm
TD332	TD432	32 Amp	128 x 116 x 127mm
TD340	TD440	40 Amp	128 x 116 x 127mm
TD363	TD463	63 Amp	180 x 180 x 142mm
TD380	TD480	80 Amp	180 x 180 x 142mm

Auxiliary Contacts available.

TD 6 & 8 POLE ROTARY ENCLOSED ISOLATORS

6 Pole Part Number	Amperage AC21	Dimensions	8 Pole Part Number	Amperage AC21	Dimensions
TD616	16 Amp	128 x 116 x 127mm	TD816	16 Amp	180 x 180 x 142mm
TD625	25 Amp	128 x 116 x 127mm	TD825	25 Amp	180 x 180 x 142mm
TD632	32 Amp	128 x 116 x 127mm	TD832	32 Amp	180 x 180 x 142mm
TD640	40 Amp	128 x 116 x 127mm	TD840	40 Amp	180 x 180 x 142mm
TD663	63 Amp	180 x 180 x 142mm	TD863	63 Amp	180 x 180 x 142mm
TD680	80 Amp	180 x 180 x 142mm	TD880	80 Amp	180 x 180 x 142mm

- Available from 40 Amp to 6300 Amp
- 3 Pole & Neutral (Fully rated 4th/Neutral Pole)
- New Ergonomic Weatherproof Defeatable Handle
- Pad lockable in Off Position
- Door Interlock Handle in On Position
- Shaft included with every Handle
- Conforms to IEC60947-3



S5-16003NS0 & DS-LA41

S5000 3P+N BASE MOUNT SWITCH DISCONNECTORS

Part Number	Amperage AC21
S5-00403NB0	40 Amp
S5-00633NB0	63 Amp
S5-00803NB0	80 Amp
S5-01253NB0	125 Amp
S5-01603NB0	160 Amp
S5-02003NS0	200 Amp
S5-02503NS0	250 Amp
S5-03153NR0	315 Amp
S5-04003NR0	400 Amp
S5-06303NR0	630 Amp
S5-08003NCO	800 Amp
S5-10003NS0	1000 Amp

Available up to 6300 Amp
6 & 8 Pole, Motor kits, Auxiliary Contacts & Direct Mount
Handles also available

ACCESSORIES

Part Number	Description
DS-SA01	40A - 200A Defeatable Door Interlocked Handle & 177mm Shaft
DS-SA11	250A - 315A Defeatable Door Interlocked Handle & 227mm Shaft
DS-LA21	400A - 800A Defeatable Door Interlocked Handle & 195mm Shaft
DS-LA31	1000A Defeatable Door Interlocked Handle & 186mm Shaft
DS-EP05	40A - 200A Extension Shaft 387mm
DS-EP15	250A - 315A Extension Shaft 536mm
DS-EP24	400A - 1000A Extension Shaft 535mm
DS-CU01	200A Terminal Shroud
DS-CU11	250 - 315A Terminal Shroud
DS-CU21	400 - 800A Terminal Shroud
DS-CU31	1000A Terminal Shroud

Terminal Shrouds for 40A to 160A Switches Not Required as Touch Proof Terminals
Terminal Shrouds, Order 1 set for Input and 1 Set for Output
Red & Yellow handles also available

METAL ENCLOSED SWITCH DISCONNECTORS

- 63 Amp to 1600 Amp
- 3 Pole & Neutral (Fully rated 4th/Neutral Pole)
- IP65 Robust Weather Proof Enclosure
- Pad lockable Door Interlocked Handle
- Terminal Shrouds Included
- Conforms to IEC60947-3
- Removable Bottom Gland Plate
- Powder Coated Enclosure to RAL7035

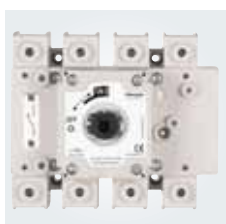


TE 3P+N ON-OFF METAL ENCLOSED SWITCH DISCONNECTORS

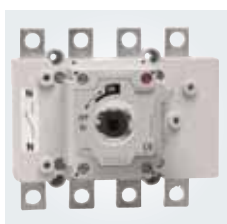
Part Number	Amperage AC21	Amperage AC23	3 pH Motor Rating	Dimensions
TE0063	63 Amp	63 Amp	34.9 Kw	300 x 250 x 150mm
TE0080	80 Amp	63 Amp	34.9 Kw	300 x 250 x 150mm
TE0125	125 Amp	125 Amp	69.2 Kw	300 x 250 x 150mm
TE0160	160 Amp	160 Amp	88.6 Kw	300 x 250 x 150mm
TE0200	200 Amp	160 Amp	88.6 Kw	300 x 250 x 150mm
TE0250	250 Amp	250 Amp	138.5 Kw	400 x 300 x 200mm
TE0315	315 Amp	315 Amp	174.5 Kw	400 x 300 x 200mm
TE0400	400 Amp	400 Amp	221.7 Kw	400 x 300 x 200mm
TE0630	630 Amp	630 Amp	349.1 Kw	500 x 400 x 200mm
TE0800	800 Amp	800 Amp	443.4 Kw	600 x 400 x 200mm
TE1000	1000 Amp	800 Amp	443.4 Kw	800 x 600 x 250mm
TE1250	1250 Amp	800 Amp	443.4 Kw	800 x 600 x 250mm
TE1600	1600 Amp	1000 Amp	554.2 Kw	1000 x 600 x 250mm



TE0250



S5-01253NB0



S5-02503NS0



DS-SA01



DS-SA11



DS-CU11



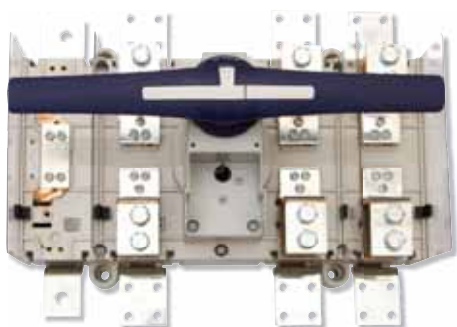
TE0063

- 32 Amp to 800 Amp
- New Ergonomic Weatherproof Defeatable Handle
- Pad lockable in Off Position
- 3 Pole & Neutral (Fully rated 4th/Neutral Pole)
- Door Interlock Handle in On Position
- Shaft included with every Handle
- Conforms to IEC60947-3



M11 & M21 3P+N BASE MOUNT FUSE SWITCHES

Part Number	Amperage	BS Fuse Type
M1100323NBBA0	32 Amp	A1
M1100633NBBB0	63 Amp	A2-A3(25mm)
M1101003NBB00	100 Amp	A2-A3
M2101603NSB0	160 Amp	A4
M2102003NSB0	200 Amp	B1-B2
M2102503NSB0	250 Amp	B1-B2
M2103153NSB40	315 Amp	B1-B3
M2104003NSB50	400 Amp	B1-B4
M2106303NSB70	630 Amp	C1-C2
M2108003NSB80	800 Amp	C1-C3



M2108003NSB80

ACCESSORIES

Part Number	Description
DS-SA02	32A - 100A Defeatable Door Interlocked Handle & 250mm Shaft
DS-SA11	160A - 250A Defeatable Door Interlocked Handle & 227mm Shaft
DS-LA21	315A - 400A Defeatable Door Interlocked Handle & 195mm Shaft
DS-LA31	630A - 800A Defeatable Door Interlocked Handle & 186mm Shaft
DS-EP05	32A - 100A Extension Shaft 387mm
DS-EP15	160A - 250A Extension Shaft 536mm
DS-EP24	315A - 800A Extension Shaft 535mm
DM2CU13	160A - 250A Terminal Shroud
DM2CU23	315A - 400A Terminal Shroud
DM2CU33	630A - 800A Terminal Shroud

Terminal Shrouds for 32A to 100A Switches Not Required as Touch Proof Terminals
Terminal Shrouds, Order 1 set for Input and 1 Set for Output
Red & Yellow Handles and Defeatable Handles also available

METAL ENCLOSED FUSE SWITCHES

- 32 Amp to 800 Amp
- 3 Pole & Neutral (Fully rated 4th/Neutral Pole)
- IP65 Robust Weather Proof Enclosure
- Pad lockable Door Interlocked Handle
- Terminal Shrouds Included
- Conforms to IEC60947-3
- Removable Bottom Gland Plate
- Powder Coated Enclosure to RAL7035



TF0250

TF 3P+N ON-OFF METAL ENCLOSED FUSE SWITCHES

Part Number	Amperage AC21	Amperage AC23	3 pH Motor Rating	Dimensions
TF0032	32 Amp	32 Amp	15 Kw	400 x 300 x 200mm
TF0063	63 Amp	63 Amp	30 Kw	400 x 300 x 200mm
TF0100	100 Amp	100 Amp	55 Kw	400 x 300 x 200mm
TF0160	160 Amp	160 Amp	90 Kw	600 x 400 x 200mm
TF0200	200 Amp	200 Amp	110 Kw	600 x 400 x 200mm
TF0250	250 Amp	250 Amp	132 Kw	800 x 600 x 250mm
TF0315	315 Amp	315 Amp	160 Kw	800 x 600 x 250mm
TF0400	400 Amp	400 Amp	220 Kw	800 x 600 x 250mm
TF0630	630 Amp	630 Amp	355 Kw	1000 x 600 x 250mm
TF0800	800 Amp	630 Amp	355 Kw	1000 x 600 x 250mm



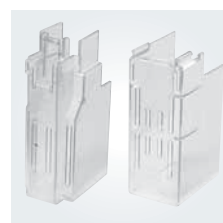
M1101003NBB00



M2102503NSB0



DS-SA11



DM2CU23



TF0100

- Available from 40 Amp to 3150 Amp
- IP65 Pad lockable Handle
- 3 Pole & Neutral (Fully rated 4th/Neutral Pole)

- Door Interlock and Shaft included with every Handle
- Conforms to IEC60947-3
- CCF Switches have Bridging links built in.



3P+N BASE MOUNT CHANGEOVER SWITCHES

Part Number	Amperage AC21
S5L00403NB0	40 Amp
S5L00633NB0	63 Amp
S5L01253NB0	125 Amp
S5L01603NB0	160 Amp
CCF02003NS0	200 Amp
CCF02503NS0	250 Amp
CCF03153NS0	315 Amp
CCF04003NS0	400 Amp
CCF06303NS0	630 Amp
CCF08003NS0	800 Amp
CCF10003NS0	1000 Amp

Available up to 3150 Amp

Terminal Shrouds for 40A to 160A Switches Not Required as Touch Proof Terminals

Terminal Shrouds, Order 2 Input Shrouds and 1 Output Shrouds per switch

New Defeatable Handle available Early 2013

ACCESSORIES

Part Number	Description
D5LEN01	40A - 160A Black Door Interlock Handle & 137mm Shaft
DCCEN11	200A - 400A Black Door Interlock Handle & 161mm Shaft
DCCEN21	630A - 800A Black Door Interlock Handle & 151mm Shaft
DCCEN31	1000A Black Door Interlock Handle & 125mm Shaft
DS-EP02	40A - 160A Extension Shaft 347mm Shaft
DM2EP11	200A - 400A Extension Shaft 305mm Shaft
DM2EP21	630A - 800A Extension Shaft 290mm Shaft
DM2EP31	1000A Extension Shaft 275mm Shaft
DM2CU13	200A - 400A Input Terminal Shroud
DM2CU23	630A - 800A Input Terminal Shroud
DM2CU33	1000A Input Terminal Shroud
DCCCU12	200A - 400A Output Terminal Shroud
DCCCU22	630A - 800A Output Terminal Shroud
DCCCU32	1000A Output Terminal Shroud

ENCLOSED CHANGEOVER SWITCHES

- 25 Amp to 1250 Amp
- Available in 2, 3 & 4 Pole Plastic Enclosed
- 3 Pole & Neutral (Fully rated 4th/Neutral Pole) Metal Enclosed
- Removable Bottom Gland Plate on Metal Enclosures
- Padlock able in Off Position
- Terminal Shrouds & Door Interlocked Handle with Metal Enclosed Switches
- Conforms to IEC60947-3
- IP65 Robust Weather Proof Enclosure
- Metal Enclosures Powder Coated to RAL7035



TC 3P+N ON-OFF-ON METAL ENCLOSED CHANGEOVER SWITCHES

Part Number	Amps AC21	Amps AC23	3 pH Motor Rating	Dimensions
TC0063	63 Amp	63 Amp	34.9 Kw	300 x 300 x 150mm
TC0080	80 Amp	63 Amp	34.9 Kw	300 x 300 x 150mm
TC0125	125 Amp	125 Amp	69.2 Kw	400 x 300 x 200mm
TC0160	160 Amp	160 Amp	88.6 Kw	400 x 300 x 200mm
TC0200	200 Amp	160 Amp	88.6 Kw	500 x 400 x 250mm
TC0250	250 Amp	180 Amp	90 Kw	500 x 400 x 250mm
TC0315	315 Amp	200 Amp	100 Kw	600 x 400 x 250mm
TC0400	400 Amp	250 Amp	125 Kw	600 x 400 x 250mm
TC0630	630 Amp	500 Amp	250 Kw	700 x 500 x 250mm
TC0800	800 Amp	630 Amp	315 Kw	800 x 600 x 250mm
TC1000	1000 Amp	1000 Amp	501 Kw	1200 x 800 x 400mm
TC1250	1250 Amp	1250 Amp	626 Kw	1200 x 800 x 400mm

TCC PLASTIC ENCLOSED CHANGEOVER SWITCHES

2 Pole Part Number	Enclosure	3 Pole Part Number	Enclosure	4 Pole Part Number	Enclosure	Amps AC21
TCC252P	A	TCC253P	B	TCC254P	C	25 Amp
TCC322P	B	TCC323P	D	TCC324P	D	32 Amp
TCC402P	C	TCC403P	D	TCC404P	E	40 Amp
TCC632P	D	TCC633P	E	TCC634P	E	63 Amp
TCC802P	D	TCC803P	E	TCC804P	F	80 Amp
TCC1252P	D	TCC1253P	F	TCC1254P	G	125 Amp

Enclosure	Dimensions	Enclosure	Dimensions
A	130 x 95 x 65mm	E	190 x 190 x 130mm
B	130 x 130 x 75mm	F	280 x 190 x 130mm
C	187 x 122 x 90mm	G	280 x 190 x 180mm
D	240 x 191 x 107mm		



S5FL00633NB0



CCF02003NS0



CCF + Motor kit



DCCEN11



TCC323P

- High Output Multi Tone Sounders
- Multi Function LED Beacon
- IP65 Sealed Construction
- Combined Sounder & LED Beacon
- Filament & LED Light Towers
- Modular Designs
- AC & DC Versions

M-LINE MULTI TONE SOUNDERS & LED BEACONS



Part Number	Description
SIR-E-G	32 Multi Tone Grey Sounder Module IP65 *
SIR-E-LED-1	Combined 32 Tone Sounder & LED Beacon Module Blue IP65
SIR-E-LED-2	Combined 32 Tone Sounder & LED Beacon Module Amber IP65
SIR-E-LED-3	Combined 32 Tone Sounder & LED Beacon Module Red IP65
SIR-E-LED-4	Combined 32 Tone Sounder & LED Beacon Module Green IP65
XLF-S-1	Multi function LED Beacon Module Blue IP65
XLF-S-2	Multi function LED Beacon Module Amber IP65
XLF-S-3	Multi function LED Beacon Module Red IP65
XLF-S-4	Multi function LED Beacon Module Green IP65
XLF-MULTI-RGA	Multi Colour Multi function LED Beacon Module Red, Amber, Green IP65
BASE-LT-SHALLOW-G	12-24VACDC IP65 Shallow Grey Modular Base *
BASE-LT-DEEP-G	12-24VACDC IP65 Deep Grey Modular Base *
BASE-LT-WALL-G	12-24VACDC IP65 Wall Mount Grey Modular Base *
BASE-HT-DEEP-G	90-240VAC IP65 Deep Grey Modular Base *
BASE-HT-WALL-G	90-240VAC IP65 Wall Mount Grey Modular Base *

Multifunctional LED Beacon: Flashing, Continuous & Strobe affect.

Adjustable Volume Control on SIR-E and SIR-E-LED * Also Available in Red, White & Black



SIR-E-LED-3 &
BASE -LT-DEEP-G



TWS

TWS FILAMENT LIGHT TOWERS

Part Number	Description
TWSF-BLU-6027701	12-240VACDC Continuous Blue Module
TWSF-AMB-6027702	12-240VACDC Continuous Amber Module
TWSF-RED-6027703	12-240VACDC Continuous Red Module
TWSF-GRN-6027704	12-240VACDC Continuous Green Module
TWSF-CLR-6027706	12-240VACDC Continuous Clear Module
TWSL-BLU-6027721	24-240VAC Flashing Blue Module
TWSL-AMB-6027722	24-240VAC Flashing Amber Module
TWSL-RED-6027723	24-240VAC Flashing Red Module
TWSL-GRN-6027724	24-240VAC Flashing Green Module
TWSL-CLR-6027726	24-240VAC Flashing Clear Module

TWS LED LIGHT TOWERS

Continuous Part Number	Multi-Function Part Number	Description
TWSF-SMD-24DA-1	TWSMULTI-SMD-24DA-1	24VACDC Blue Module
TWSF-SMD-24DA-2	TWSMULTI-SMD-24DA-2	24VACDC Amber Module
TWSF-SMD-24DA-3	TWSMULTI-SMD-24DA-3	24VACDC Red Module
TWSF-SMD-24DA-4	TWSMULTI-SMD-24DA-4	24VACDC Green Module
TWSF-SMD-24DA-6	TWSMULTI-SMD-24DA-6	24VACDC Clear Module
TWSF-SMD-240A-1	TWSMULTI-SMD-240A-1	240VAC Blue Module
TWSF-SMD-240A-2	TWSMULTI-SMD-240A-2	240VAC Amber Module
TWSF-SMD-240A-3	TWSMULTI-SMD-240A-3	240VAC Red Module
TWSF-SMD-240A-4	TWSMULTI-SMD-240A-4	240VAC Green Module
TWSF-SMD-240A-6	TWSMULTI-SMD-240A-6	240VAC Clear Module

12-48VDC Modules & 48V, 110V Bulbs & Xenon Modules also available

Multifunctional LED: Flashing, Continuous & Strobe affect.

ACCESSORIES

Part Number	Description
TWS-BC-6027700	Wiring Base & Cover Module
TWS-PR-6027761	100mm Stem
TWSBS-6027760	Mounting Foot
TWS-BOX-602777	Mounting Foot with Cable Gland Entry
TWS-BP1-6027762	Wall Mounting Bracket
TWS-FJ-6033347	Foldable Join Mounting Foot
TWSBULB-6027780	5W Ba15d Filament Bulb 12VACDC
TWSBULB-6027781	5W Ba15d Filament Bulb 24VACDC
TWSBULB-6027784	5W Ba15d Filament Bulb 240VACDC



SIR-E-G &
BASE-HT-SHALLOW-G



SIR-E-LED-4 &
BASE-HT-WALL-G



XLF-S-2 &
BASE-LT-SHALLOW-G



TWSF-SMD Module



TWS-BC



TWS-PR & TWSBS

- High Output Multi Tone Alarm
- High Visibility Xenon Beacons
- High Output Audible Alarms
- Panel Mount Audible Alarms
- IP65 Sealed Construction
- AC & DC Versions



STRIDOR 32 TONE MULTI SOUND ALARM

Part Number	Description
SMS-01-VA-RED	15-30VACDC Shallow Base Red IP54 *
SMS-01-RED	9-28VDC Shallow Base Red IP54 *
SMS-01-WHITE	9-28VDC Shallow Base White IP54 *
SAU-04-VC-RED	110-250VAC Deep Base Red IP65
SAU-04-VC-WHITE	110-250VAC Deep Base White IP65

Sound Output 114dB@ 1 Meter

* Fitting a DEEP BASE, will increase the IP Rating to IP65. Please contact the sales office for further details.

04 PANEL MOUNT 32 TONE MULTI SOUND ALARM

Part Number	Description
SPS-04-928VA-WHITE	15-30VACDC Panel Mount Alarm White IP65
SPS-04-928-WHITE	9-28VDC Panel Mount Alarm White IP65
SPS-04-928-RED	9-28VDC Panel Mount Alarm Red IP65
SFS-04-928-WHITE	9-28VDC Surface Mount Alarm White IP65
SFS-04-928-RED	9-28VDC Surface Mount Alarm Red IP65

Panel cut out 25.4mm



SPS-04-928-RED



SP-03-250

STRIDOR XENON FLASHING BEACON

Part Number	Description
SO-A-S-10C	10-60VDC 10 Cd Xenon with Shallow Base IP54 Amber *
SO-R-S-10C	10-60VDC 10 Cd Xenon with Shallow Base IP54 Red *
SO-G-S-10C	10-60VDC 10 Cd Xenon with Shallow Base IP54 Green *
SO-B-S-10C	10-60VDC 10 Cd Xenon with Shallow Base IP54 Blue *
SO-C-S-10C	10-60VDC 10 Cd Xenon with Shallow Base IP54 Clear *
SO-A-D-M	110-240VAC 10 Cd Xenon with Deep Base IP65 Amber
SO-R-D-M	110-240VAC 10 Cd Xenon with Deep Base IP65 Red
SO-G-D-M	110-240VAC 10 Cd Xenon with Deep Base IP65 Green
SO-B-D-M	110-240VAC 10 Cd Xenon with Deep Base IP65 Blue
SO-C-D-M	110-240VAC 10 Cd Xenon with Deep Base IP65 Clear

* Fitting a DEEP BASE, will increase the IP Rating to IP65. Please contact the sales office for further details.

STX XENON FLASHING BEACON

Part Number	Description
STX-24AC-A	20-72VAC/10-100VDC Xenon Beacon IP67 Amber
STX-24AC-G	20-72VAC/10-100VDC Xenon Beacon IP67 Green
STX-24AC-R	20-72VAC/10-100VDC Xenon Beacon IP67 Red
STX-115/230AC-A	115-230VAC Xenon Beacon IP67 Amber
STX-115/230AC-G	115-230VAC Xenon Beacon IP67 Green
STX-115/230AC-R	115-230VAC Xenon Beacon IP67 Red

SONARTONE PANEL MOUNT AUDIBLE PIEZO ALARMS

Part Number	Description
SW-01-416	6-15VDC Siren Tone Alarm
SC-01-416	4-16VDC Continuous Tone Alarm
SC-01-428	4-28VDC Continuous Tone Alarm
SP-01-428	4-28VDC Pulsating Tone Alarm
SD-02-428	4-28VDC Continuous & Pulsating Tone Alarm

Panel cut out 29mm.

Fully sealed construction. Sound Output 95dB@ 1 Meter

Part Number	Description
SX-01-428	4-28VACDC Continuous Tone Alarm
SY-01-428	4-28VACDC Pulsating Tone Alarm
SC-03-115	30-120VAC Continuous Tone Alarm
SP-03-115	30-120VAC Pulsating Tone Alarm
SC-03-250	90-250VAC Continuous Tone Alarm
SP-03-250	90-250VAC Pulsating Tone Alarm



SAU-04-VC-RED



SO-A-S-10C



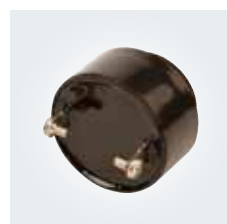
SFS-04-928-WHITE



STX-24AC-A



SMS-01-WHITE



SX-01-428

- Combined Fan & Filter Units
- Filters & Guards
- Anti Condensation Heaters
- Axial Fans
- Thermostats



COMBINED FAN & FILTER UNIT

Part Number	External Dimension	Panel Cut Out	Voltage	Air Flow m3/hr
FFP105-23-115VAC	105 x 105mm	92 x 92mm	115VAC	23/30
FFP105-23-230VAC	105 x 105mm	92 x 92mm	230VAC	23/30
FFP150-66-24VAC	150 x 150mm	125 x 125mm	24VAC	66/73
FFP150-57-115VAC	150 x 150mm	125 x 125mm	115VAC	57/61
FFP150-57-230VAC	150 x 150mm	125 x 125mm	230VAC	57/61
FFP204-120-115VAC	204 x 204mm	177 x 177mm	115VAC	120/135
FFP204-120-230VAC	204 x 204mm	177 x 177mm	230VAC	120/135
FFP250-115-115VAC	250 x 250mm	219 x 219mm	115VAC	115/125
FFP250-230-115VAC	250 x 250mm	219 x 219mm	115VAC	230/262
FFP250-400-115VAC	250 x 250mm	219 x 219mm	115VAC	400/440
FFP250-115-230VAC	250 x 250mm	219 x 219mm	230VAC	115/125
FFP250-230-230VAC	250 x 250mm	219 x 219mm	230VAC	230/262
FFP250-400-230VAC	250 x 250mm	219 x 219mm	230VAC	400/440
FFP325-520-115VAC	325 x 325mm	292 x 292mm	115VAC	520/580
FFP325-920-115VAC	325 x 325mm	292 x 292mm	115VAC	920/940
FFP325-520-230VAC	325 x 325mm	292 x 292mm	230VAC	520/580
FFP325-920-230VAC	325 x 325mm	292 x 292mm	230VAC	920/940

Features

- Combined Fan & Filter unit
- RAL7035 Colour
- Quick Snap fit
- Weatherproof to IP54
- Low Profile Design
- Quiet Running
- Sealed ball bearing construction
- Reversible flow direction
- RAL7032 also available



COMBINED FILTER & GUARD UNIT

Part Number	External Dimension	Panel Cut Out
FFP105-FG	105 x 105mm	92 x 92mm
FFP150-FG	150 x 150mm	125 x 125mm
FFP204-FG	204 x 204mm	177 x 177mm
FFP250-FG	250 x 250mm	219 x 219mm
FFP325-FG	325 x 325mm	292 x 292mm

THERMOSTATS

Part Number	Description
TRT-10A230V-NO	N/O Din Mount Thermostat for Fan Control
TRT-10A230V-NC	N/C Din Mount Thermostat for Heater Control
TRT-10A230V-NO/NC	N/O & N/C Din Mount Thermostat
TRT-HYGROSTAT	C/O Din Mount Hygrostat for Humidity Control

AC AXIAL FRAME FANS

Part Number	External Dimension	Voltage	Air Flow m3/hr
AFF80-40-115VAC	80 x 80 x 25mm	115VAC	40/50
AFF80-40-230VAC	80 x 80 x 25mm	230VAC	40/50
AFF120-150-24VAC	120 x 120 x 38mm	24VAC	150/167
AFF120-165-115VAC	120 x 120 x 38mm	115VAC	165/198
AFF120-165-230VAC	120 x 120 x 38mm	230VAC	165/198

Features

- Economic High Quality
- Shielded Ball Bearing
- Long Life
- Black Die Cast Aluminium Case
- Other versions & Voltages also available
- 92 x 92mm version also available

AXIAL FAN FINGER GUARDS

Part Number	Frame Size
MFG80	80 x 80mm
MFG120	120 x 120mm

PLASTIC EXTERNAL FILTER GUARDS

Part Number	Frame Size
PFG80	80 x 80mm
PFG120	120 x 120mm

ANTI CONDENSATION HEATER

Part Number	Description
ACH-20	20 Watt Heater
ACH-40	40 Watt Heater
ACH-60	60 Watt Heater
ACH-100	100 Watt Heater

Features

- 110-240VAC
- Bracket Mounting
- Cool Surface
- Terminal Connection
- Self Regulating



FFP150-FG



AFF80-40-230VAC



MFG120



PFG80



TRT-10A230V-NO



ACH-60