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Mini Relays, Contactors & Solid State Relays

Mini Relays



Coil Power AC: 2VA,
 Contact initial resistance: 50mΩ (@ 1A 24VDC)
 Max switching Capacity: 7200VA/560W
 Max switching Voltage: 277VAC/28VDC
 Max switching Current: 30A/20A as indicated in description



Model	Description	List Price £
691-21242-240 RELAY	HONGFA mini relay. SP-ST N.O 30A 240V	6.55
691-23242-240 RELAY	HONGFA mini relay. SP-changeover contacts 20A 240V	6.55



A High-capacity,
 High-dielectric-strength Relay
 Compatible with Momentary Voltage Drops



Features

No contact chattering for momentary voltage drops up to 50% of rated voltage.
 Wide-range AC-activated coil that handles 200 to 240 VAC at either 50 or 60 Hz.
 Miniature hinge for maximum switching power, particularly for inductive loads.
 Flame-resistance materials (UL94V-0-qualifying) used for all insulation material.
 Quick-connect terminals and mounting bracket.



Model	Description	List Price £
G7L-1A-TUB 200T0240	Omron power relay. SP-ST N.O., 25A 240V	8.08

Mini Contactors



- DIN Rail Mounting
- A/C Operation
- Fingertouch protection
- Twin bifurcated auxiliary contacts
- Mechanical interlock
- International approvals including UL and CSA
- Designed to EN 60947-4-1



Technical	
Main Contact Rated Insulation Volts	690V
AC3 Operation/Hr	600
Mechanical Life OPS	5 million
AC1 Rating (230V)	20A
AC3 Rating (230V)	11.5A
AC3 Rating (380-400V)	9A
Aux Contacts Rating, AC15 (230V)	3A
Aux Contacts Rating, AC15 (380-415V)	2A

Model	Description	List Price £
K1-09D10(110)	3 pole NO, 1 pole NO Aux. 110V/50Hz Coil Voltage. Rated at 20A AC1 4kW 380V	13.50
K1-09D01(240)	3 pole NO, 1 pole NC Aux. 240V/50Hz Coil Voltage. Rated at 20A AC1 4kW 380V	13.50
K1-09D10(240)	3 pole NO, 1 pole NO Aux. 240V/50Hz Coil voltage. Rated at 20A AC1 4kW 380V	13.50

Crydom EZ series chassis mount Solid State Relay



The Series EZ SPST-NO AC output relays offer a low profile package with the convenience of quick connect terminals.

The Series EZ is the preferred choice for replacement of 120V and 240V Electro-mechanical relays.

Output consists of an SCR switch.

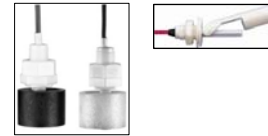
- Low Leakage
- Quick Connect Terminals
- SCR Output

Manufactured in Crydom's ISO 9001 Certified facility for optimum product performance and reliability.

Model	Description	List Price £
EZ240D5	Solid State Relay. Control Voltage range 4-15VDC, Max load rating 5A, 24-280VAC.	10.08
EZ240D18	Solid State Relay. Control Voltage range 3-15VDC, Max load rating 18A, 24-280VAC	13.25
EZ240D18S	Solid State Relay. Control Voltage range 3-15VDC, Max load rating 18A, 24-280VAC. Internal snubber network	17.01



Small internal mount level switch is the solution to many small tank applications. Low cost high volume engineered plastic construction offers broad compatibility in water, oil and chemicals.



Float Switches

Model	Description	List Price £
FLOAT SWITCH RSF73Y	Crydom RSF70 series float switch, temperature range -20/+75°C GFS nylon black, Rating 25VA	6.80
FLOAT SWITCH RSF76Y	Crydom RSF70 series float switch, temperature range -10/+120°C GFS nylon White, Rating 25VA	11.95

High temperature wire in a number of cross section sizes and colours. Tinned copper strand, silicone insulated with glass fibre braid and heat resistant varnish.

High Temperature Wire



1.5mm² max operating current 10A @ 170°C
2.5mm² max operating current 14A @ 170°C

Model	Description	List Price £
SIAF/GL-1.5 BLACK	Black high temperature wire. 1.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	35.00
SIAF/GL-1.5 BLUE	Blue high temperature wire. 1.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	35.00
SIAF/GL-1.5 BROWN	Brown high temperature wire. 1.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	35.00
SIAF/GL-1.5 GRN/YELL	Green/Yellow high temperature wire. 1.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	35.00
SIAF/GL-1.5 RED	Red high temperature wire. 1.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	35.00
SIAF/GL-2.5 BLACK	Black high temperature wire. 2.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	55.00
SIAF/GL-2.5 BLUE	Blue high temperature wire. 2.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	55.00
SIAF/GL-2.5 BROWN	Brown high temperature wire. 2.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	55.00
SIAF/GL-2.5 GRN/YELL	Green/Yellow high temperature wire. 2.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	55.00
SIAF/GL-2.5 RED	Red high temperature wire. 2.5mm ² diameter. 100mm coil. Operates from -60°C to 200°C.	55.00

Ceramic Terminal Blocks

For use in high ambient temperatures upto 300°C. These ceramic terminal blocks are available in 2 and 3 blocks with centre mounting holes.



Model	Description	List Price £
CTB-26	6A/400V 2 Way	0.69
CTB-215	15A/400V 2 Way	0.80
CTB-225	25A/400V 2 Way	0.92
CTB-315	15A/400V 3 Way	1.14
CTB-325	25A/400V 3 Way	1.58

4-Pole isolators mounted in ABS enclosure. IP65 rated. Incorporates round padlocking device. Rear mounting for easy wiring. 20mm knock outs upto 40A, 25mm on 63A isolator.

Rotary Isolator



Model	Description	List Price £
701-300-R	20A Rotary isolator	9.23
701-301-R	25A Rotary isolator	9.50
701-302-R	32A Rotary isolator	10.93
701-304-R	40A Rotary isolator	13.42
701-305-R	63A Rotary isolator	15.48



Model	Description	List Price £
SFK3F	3-Way terminal block. 40A 450V.	1.03
6 POLE TERMINAL BOX	Terminal Box with cable clamp. 6-Pole max.16A 450V.	5.43

10 Electrical Spares

Signal Lights

Signal Lights (Round)



Model	Description	List Price £
SL LT 43.22.40.01.OT	Red 13mm diameter	0.70
SL LT 43.22.40.04.OT	Orange 13mm diameter	0.70
SL LT 43.22.47.03.OT	Green 13mm diameter	0.90

Signal Lights (Rectangular)



Model	Description	List Price £
SL LT 81.F2.40.61.OK	Red 14mm x 32mm	1.45
SL LT 81.F2.40.64.OK	Orange 14mm x 32mm	1.45
SL LT 81.F2.47.63.OK	Green 14mm x 32mm	1.65

Rocker Switches



Model	Colour	Size (mm)	Indication	Illuminated	Type	List Price £
SL SW 81.01.82.95.1K	Black	11 x 30	I/O	No	SPST 16A	0.75
SL SW 81.01.82.98.1K	Red	11 x 30	I/O	No	SPST 16A	0.78
SL SW 81.10.82.77.1K	Red	11 x 30	I/O	Yes	SPST 16A	1.40
SL SW 81.10.82.78.1K	Green	11 x 30	I/O	Yes	SPST 16A	1.85
SL SW 81.10.82.78.9K	Green	11 x 30	None	Yes	SPST 16A	1.85
SL SW 81.10.82.79.1K	Orange	11 x 30	I/O	Yes	SPST 16A	1.40
SL SW 82.40.82.95.1E	Black	22 x 30	I/O	No	DPST 16A	1.10
SL SW 82.50.82.77.1E	Red	22 x 30	I/O	Yes	DPST 16A	1.40
SL SW 82.50.82.78.1E	Green	22 x 30	I/O	Yes	DPST 16A	1.50
SL SW 82.50.82.79.1E	Orange	22 x 30	I/O	Yes	DPST 16A	1.40
SL SW 96.29.99.60.OK	PVC Cover	30 x 36 x 10	IP54			0.85

Push-Button Switches



Model	Colour	Size (mm)	Illuminated	Type	List Price £
700-814-R	Green	Ø 25	Yes	DPST 16A	1.80
700-815-R	Red	Ø 25	Yes	DPST 16A	1.80

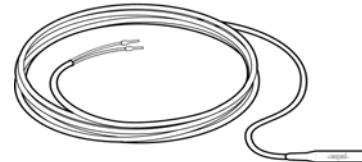
Drain-line Heater Tape

The KDL/SR heating tapes are specifically designed for external or internal heating of refrigeration drain lines. Supplied factory terminated in standard lengths. All equipment and systems meet BS 6351, the British Standard for Electric Surface Heating.

The cable core comprises a glass carrier with a spiral wound alloy resistance wire extruded in silicone rubber. The cores are then extruded with a secondary silicone rubber insulation. The cable is factory terminated having a 1000 mm cold lead and a moulded end seal. KDL-SR's are specially produced in a small round form, making them very flexible, water resistant and ideal for small bore drain-lines.

Benefits

- Factory terminated
- Easy to install



Specification

Nom. Power output: 40W/m
 Supply Voltage: 230Vac/50Hz
 Size: Ø 5mm (Ø 7.5mm moulded end)
 Min. bend radius: 5mm
 IP Rating: IP67
 Operating Temperature Range: -40°C to 200°C

tyco / Thermal Controls



Model	Rating (W)	Length (mm)	List Price £
KDL/SR-1M	40	1000	11.00
KDL/SR-2M	80	2000	14.00
KDL/SR-3M	120	3000	17.00
KDL/SR-4M	160	4000	19.00
KDL/SR-6M	240	6000	25.00



Do not use on plastic or other non-metallic surfaces.
 Always use a RCD (30 mA and 30 ms).

A range of heaters for air conditioners and refrigeration compressors to prevent the absorption of refrigerant into the oil. The lower the temperature is, the faster and the more complete is the absorption. This will cause severe damage when the compressor starts due to lack of lubrication.

- Quick and easy installation
- Silicon insulated heating element
- Tinned copper braid for mechanical protection and earthing
- Completely moistureproof
- Special dimensions on request
- Multicore cold tail
- CE marking



Crankcase Heaters



Specification

Insulation resistance : 100 Megaohms minimum at 2500 Volts
 Tolerance on output : +/- 10%
 Cold tail : 3 x 0.75 mm² PVC insulated
 Cold tail length : 1m as a standard

flexelec
 GROUPE amerin

Model	Rating (W)	Size (mm)	Min Compressor dia. (mm)	Max Compressor dia. (mm)	List Price £
JFCH-10	35	120 - 170	Ø 120	Ø 175	14.00
JFCH-40	55	180 - 280	Ø 180	Ø 280	15.50
JFCH-60	65	245 - 330	Ø 245	Ø 370	17.50

- Die cast aluminium construction. Wire sprung type legs
- Removable 450mm (18") cable with moulded plug
- Solid state, PTC controlled, self regulating
- UL Approved

Condensate tray



Specification

Voltage: 220V
 Dimensions: 120 x 317 x 70mm
 Connection: 450mm power cord w/ moulded end (included)

Model	Description	Evaporation rate	List Price £
T12-0372	160W Condensate tray. Capacity 1.5 litres	0.17 l/hr	45.00
T12-5200	300W Condensate tray. Capacity 1.5 litres	0.28l/hr	49.00
T12-3350	Wall mount bracket		16.00



It is important that the sprung legs included or the mounting bracket are used to mount the tray to avoid burn-out
 Not suitable for mounting on wet, wood or flammable surfaces.

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