OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

SWITCH DISCONNECTOR 32A

Rated Thermal Current Ith 32A

0172161
Switch Disconnector 3 Pole 32A Enclosure & Handle



- 3 pole switch body
- Front & rear mount
- Neutral & additional poles
- Handle & clutch drive options
- Enclosure mount options

PRODUCT DESCRIPTION

Switch disconnector range with patented design reversible terminals to allow front or rear mount.
Can be used to safely switch and isolate up to 690V thanks to a wider contact air gap of 7mm.

All switch body options have 3 poles with reversible terminals.
Up to 4 neutral poles / additional poles can be snapped on to a switch body (2 each side).
Up to 2 N/C+N/O auxillary blocks / early break auxillary blocks can be snapped on to a switch body (1 each side).
The maximum per switch body is 2 each side and the auxillary contacts must be on the outside.

For rear mount the switch body simply snaps onto DIN rail. Note the reversible terminals need to be pushed up before clipping onto the DIN rail and then pushed back down to lock into place and reveal the terminal screw heads.
There are 3 clutch drive kits to accomodate different panel depths and the door interlock shroud ensures the panel door can only be opened in the OFF position.

For front mount various handle options are available that are either fixed by screw or ø22mm one-hole mounted.
All screw terminals are finger proof to IPxxB but additional terminal covers can be added if required.
Gasket kits are available to increase front of panel protection from IP40 to IP65.

TECHNICAL DATA

Mounting	Enclosure
Number of poles	3
Type	Switch & handle enclosed
Colour	Red/yellow

Conventional free air thermal current Ith	32 A
Conventional enclosed thermal current Ithe	25 A
Rated operating current Ie (AC15/230V)	6 A
Rated operating current Ie (AC15/400V)	4 A

Rated operating current Ie (AC21A/22A)	32 A

Rated operating power (AC23A/3x230V)	5.5 kW
Rated operating power (AC23A/3x400V)	11 kW
Rated operating power (AC23A/3x500V)	11 kW
Rated operating power (AC23A/3x690V)	11 kW
Rated operating power (AC3/3x230V)	4 kW
Rated operating power (AC3/3x400V)	7.5 kW
Rated operating power (AC3/3x500V)	7.5 kW
Rated operating power (AC3/3x690V)	7.5 kW

Rated insulation voltage Ui	690 V

Protection rating front of panel	IP66
Protection rating rear of panel	IPxxB
Impact resistance	IK07
Connection stranded wire with ferrule min	0.75 mm²
Connection stranded wire with ferrule max	6 mm²
Connection solid wire max	10 mm²
Temperature operational min	-30 °C
Temperature operational max	70 °C
Storage temperature min	-30 °C
Storage temperature max	70 °C
Mechanical life AC20 (million)	0.1
Standards	CSA 22.2, IEC 60947-3 , UL 508
Approvals	CB, cUL, UL
Rated uninterrupted current Iu	32 A
Rated short term withstand current Icw (Aeff/400V/1 s)	430 A
Rated short circuit make capacity Icm (kA peak/400V)	1 kA
Rated break capacity (Aeff/400V)	330 A
Rated make capacity (Aeff/400V)	710 A
Breaking capacity current	32 A
Short circuit current (kAeff/400 V)	10 kA
Short circuit current with fuse gl/gG (A)	32 A

Rated impulse withstand voltage Uimp (Overvoltage cat III - Pollution 3)	6 kV



