SWITCH DISCONNECTOR 50A

Rated Thermal Current Ith 50A

0172261 Switch Disconnector 3 Pole 50A Enclosure & Handle

- 3 pole switch body
- Front & rear mount
- · Neutral & additional poles
- Handle & clutch drive 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 accommodate 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 fixed by screw.

All screw terminals are finger proof to IPxxB but additional terminal covers can be added if required.

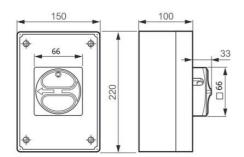
Gasket kits are available to increase front of panel protection from IP40 to IP65.

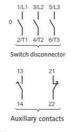
TECHNICAL DATA

Approvals	CB, cUL, UL
Breaking capacity current	50 A
Colour	Red/yellow
Connection solid wire max	25 mm²
Connection stranded wire with ferrule max	16 mm²
Connection stranded wire with ferrule min	1.5 mm²
Conventional enclosed thermal current Ithe	40 A



Conventional free air thermal current Ith	50 A
Enclosure colour	Grey
Mechanical life AC20 (million)	0.04
Mounting	Enclosure
Number of poles	3
Protection rating front of panel	IP40
Rated break capacity (Aeff/400V)	800 A
Rated impulse withstand voltage Uimp (Overvoltage cat III - Pollution 3)	6 kV
Rated insulation voltage Ui	690 V
Rated make capacity (Aeff/400V)	1270 A
Rated operating current le (AC15/230V)	6 A
Rated operating current le (AC15/400V)	4 A
Rated operating current le (AC21A/22A)	50 A
Rated operating power (AC23A/3x230V)	15 kW
Rated operating power (AC23A/3x400V)	18,5 kW
Rated operating power (AC23A/3x500V)	22 kW
Rated operating power (AC23A/3x690V)	18,5 kW
Rated operating power (AC3/3x230V)	7,5 kW
Rated operating power (AC3/3x400V)	15 kW
Rated operating power (AC3/3x500V)	15 kW
Rated operating power (AC3/3x690V)	15 kW
Rated short circuit make capacity lcm (kA peak/400V)	1,8 kA
Rated short term withstand current lcw (Aeff/400V/1 s)	500 A
Rated uninterrupted current lu	50 A
Short circuit current (kAeff/400 V)	10 kA
Short circuit current with fuse gl/gG (A)	50 A
Standards	CSA 22.2, IEC 60947-3 , UL 508
Storage temperature max	70 °C
Storage temperature min	-30 °C
Temperature operational max	70 °C
Temperature operational min	-30 °C
Туре	Switch & handle enclosed





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1/L1 - 2/T1	
3/L2 - 4/T2	
5/L3 - 6/T3	
13 - 14	8.00
21 - 22	