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# SWITCH DISCONNECTOR 32A

Rated Thermal Current Ith 32A

0174161
Switch Disconnector 3 Pole 32A Enclosure & Handle
Grey



- 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

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|---|---|
| **Mounting** | Enclosure |
| **Number of poles** | 3 |
| **Type** | Switch & handle enclosed |
| **Colour** | Grey |

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| **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 |

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

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| **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 |

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| **Rated insulation voltage Ui** | 690 V |

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| **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 |

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




