

210x297 mm

## DC Switch Disconnecter 32A Instruction Leaflet



# FuseBox®

### Technical information

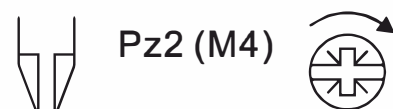
DOC:DC\_SD\_32A\_23.04.2026\_V1

|                                          |                                 |          |         |
|------------------------------------------|---------------------------------|----------|---------|
| P/N0                                     | FDC32                           |          |         |
| GTIN-13                                  | 5060523529971                   |          |         |
| DIMENSIONS HxWxD mm                      | 180x98x115                      |          |         |
| STANDARDS                                | IEC60947-3 VDE0660 DC21B DC PV2 |          |         |
| RATED IMPULSE WITHSTAND VOLTAGE Uimp     | 8kV                             |          |         |
| RATED INSULATION VOLTAGE UI              | 1500V                           |          |         |
| RATED OPERATIONAL VOLTAGE Ue A2+A2       | 600V DC                         | 1200V DC | 1500VDC |
|                                          | 55A                             | 13A      | 6A      |
|                                          | 350V                            | 500V     | 600V    |
| IND. CONTROL SWITCH TYPE 1 Ue 2+2p A2+A2 | 58A                             | 40A      | 25A     |
|                                          |                                 |          |         |
| RATING                                   | 32A                             |          |         |
| POLES                                    | 4                               |          |         |
| VOLTAGE                                  | 230V/50Hz                       |          |         |
| MAXIMUM CABLE SIZE                       | 16mm²                           |          |         |
| TORQUE SETTINGS Nm - TERMINALS           | 1.7                             |          |         |
| DRILL-OUTS TOP/BOTTOM                    | M20/M25                         |          |         |
| OPERATING TEMPERATURE                    | -40°C - +85°C                   |          |         |



### Installation

- 1a** Switch Disconnecter must be installed by a qualified electrician in accordance with the current IET Wiring Regulations BS 7671.
- 1b** Total load must not exceed the rating of the unit.
- 1c** Ensure the mains power is switched OFF and securely isolated before installation.
- 1d** Switch Disconnecter must be installed vertically and fixed securely to the wall/surface.
- 1e** Glands must be used to maintain IP rating.
- 1f** Cut, dress and connect the cables to the Switch Disconnecter as per the wiring diagram.
- 1g** Ensure all connections are tightened to the correct torque setting (see technical information)



**LOOSE CONNECTIONS CAUSE FIRES!!!!**

### Testing

On completion of the installation , it must be tested in accordance with the current IET Wiring Regulations BS 7671

### Environment

WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF IN HOUSEHOLD WASTE. CONTACT YOUR RETAILER OR LOCAL AUTHORITY FOR RECYCLING INFORMATION.



After installation and testing of this product it is essential that the INSTRUCTION LEAFLET is available for reference

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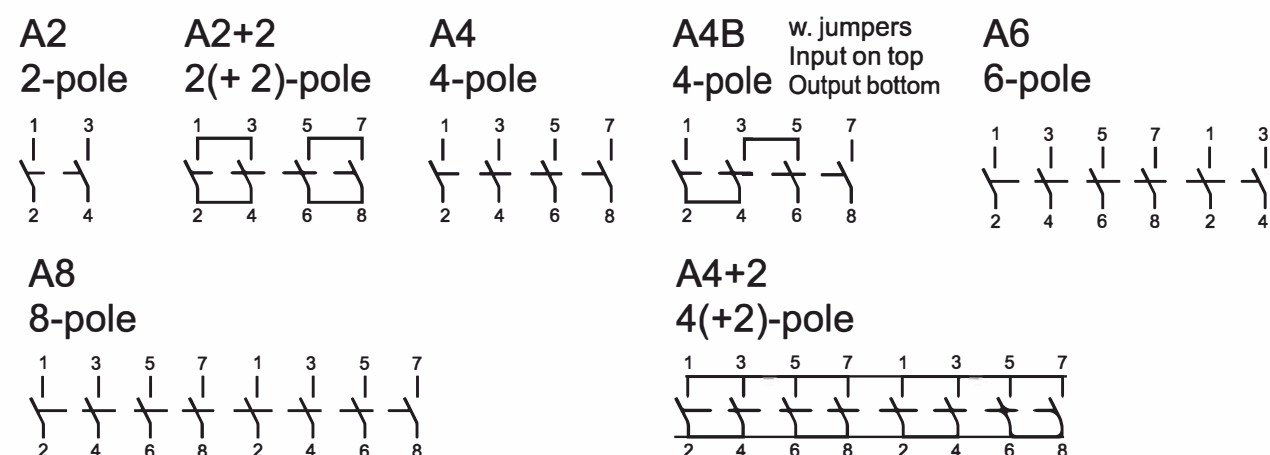
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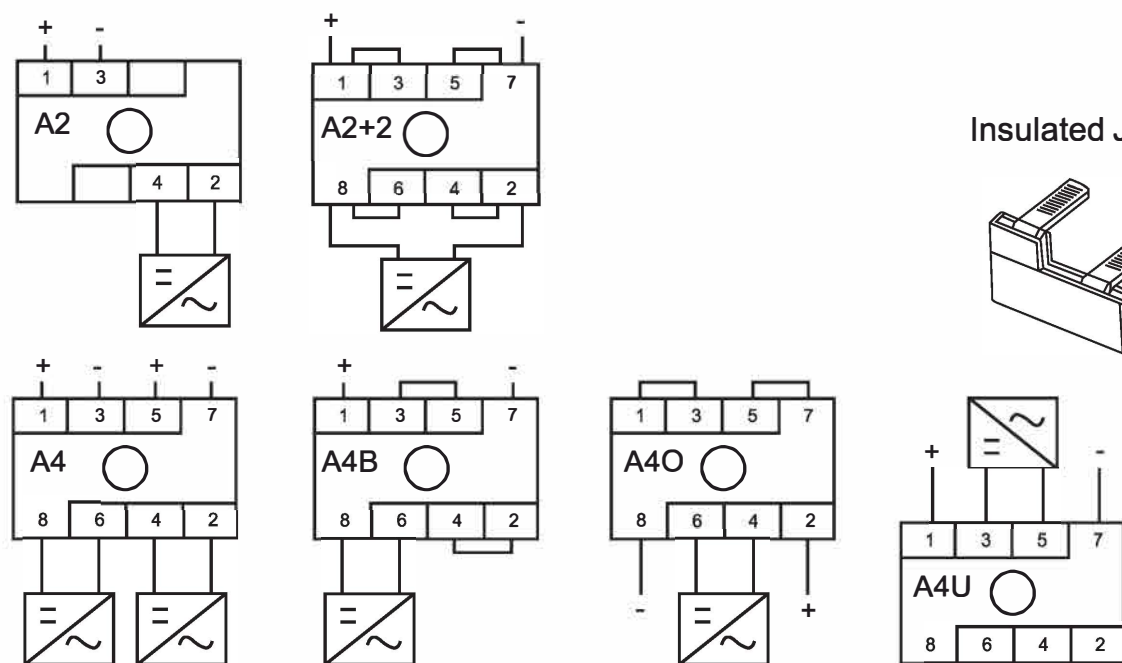
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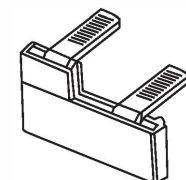
### Wiring Diagram



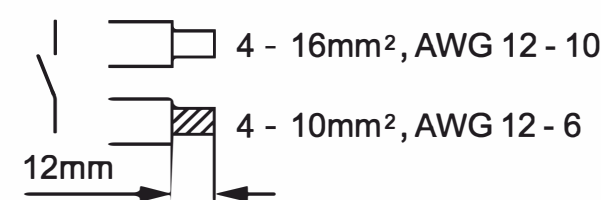
### Switching examples



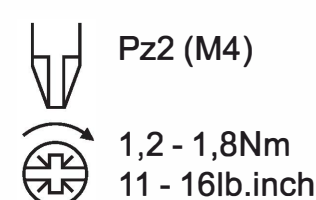
### Insulated Jumper



### Cable cross section



### Screw driver, tightening torque



This product should only be installed by suitable qualified person.  
Specifications are subject to change without notice

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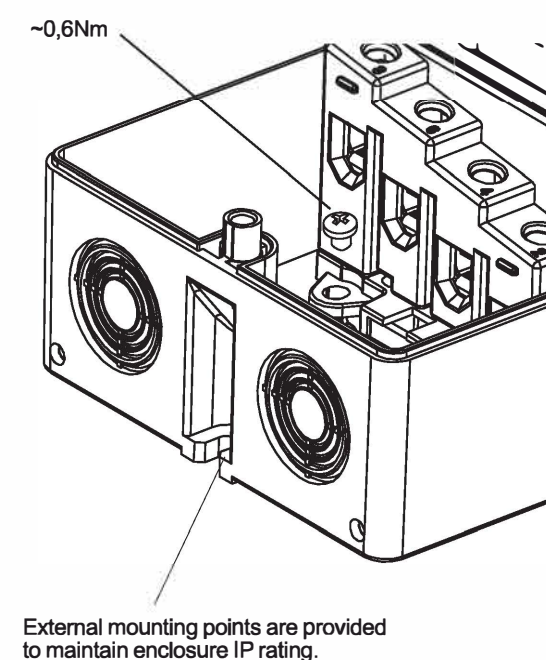
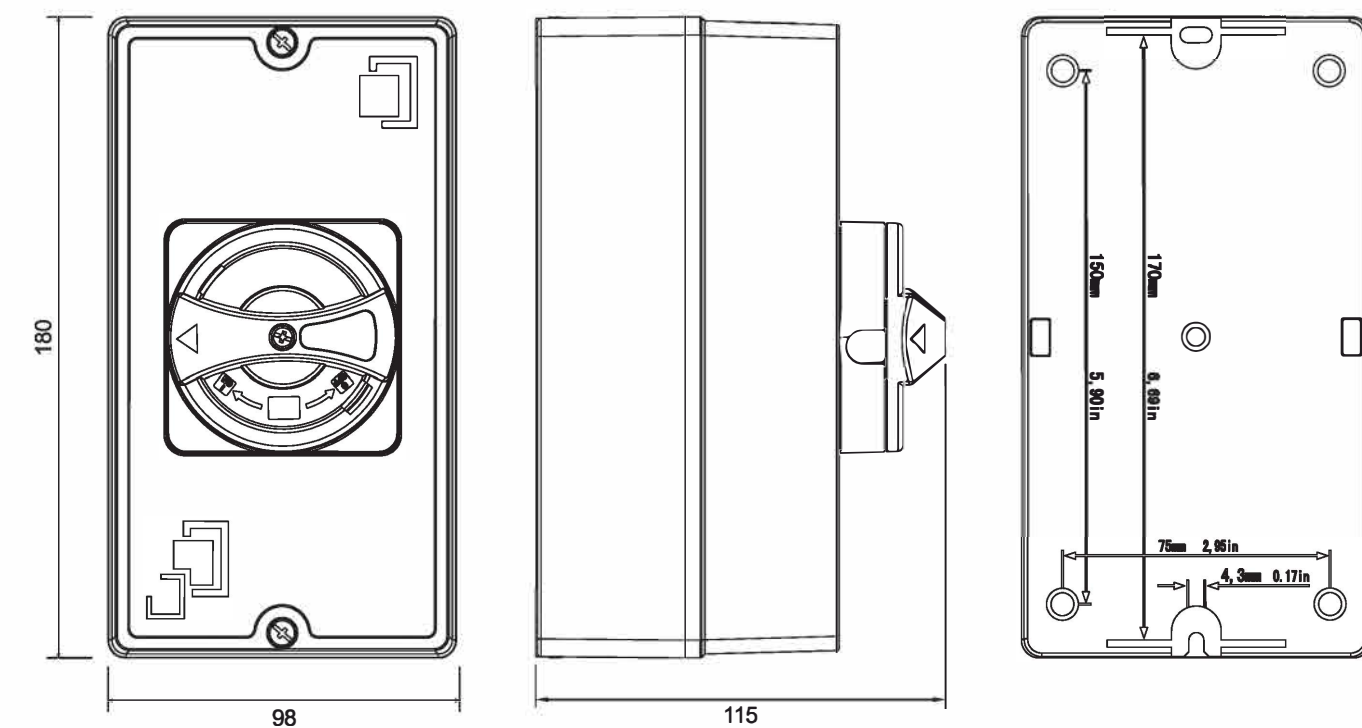
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External mounting points are provided to maintain enclosure IP rating.

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