**Product datasheet**

### Characteristics

**XF9D251**
overtravel power limit switch - manual reset - 4P - 50/25 A - 2/3P scheme

Price*: 520.48 GBP

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#### Main

- **Range of product**: XR and XF
- **Product or component type**: Overtravel limit switches
- **Device short name**: XF9
- **Electrical circuit type**: Power circuit
- **Product specific application**: Safety of hoisting equipment
- **Material**: Aluminium alloy: case
- **Type of operator**: Manual latching, restricted by a padlockable device
- **Number of poles**: 4
- **$[Ie]$ rated operational current**: $I_e = 50\ A$ 2-pole scheme
  - $I_e = 25\ A$ 3-pole scheme

#### Complementary

- **Reset**: Manual reset
- **Switch actuation**: Horizontal approach
- **Maximum displacement angle**: 75°
- **Contacts type and composition**: Without auxiliary contact block
- **Contact operation**: Snap action
- **$[Ithe]$ conventional enclosed thermal current**:
  - 40 A at -25…40 °C 3-pole scheme
  - 80 A at -25…40 °C 2-pole scheme
- **$[Ui]$ rated insulation voltage**:
  - 500 V conforming to IEC 158-1
  - 500 V conforming to IEC 947-4
  - 500 V conforming to VDE 0110 group C
  - 600 V conforming to CSA C22.2 No 14
- **Rated breaking capacity**:
  - 180 kA at 660 V 2-pole scheme conforming to IEC 158-1
  - 400 kA at 500 V 2-pole scheme conforming to IEC 158-1
- **Cable cross section**:
  - 1 flexible cable 1…6 mm²
  - 1 flexible cable 1.5…10 mm² without cable end
  - 1 solid cable 1.5…6 mm² without cable end
  - 2 flexible cable 1…4 mm² with cable end
  - 2 flexible cable 1.5…6 mm² without cable end
  - 2 solid cable 1.5…6 mm² without cable end
- **Cable entry**: 2 entries tapped for Pg 21 cable gland
- **Net weight**: 2.2 kg

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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

Dec 29, 2019
### Environment

| Standards                  | NF C 63-110  
|                           | VDE 0660  
|                           | IEC 158-1  
|                           | IEC 947-1  
|                           | IEC 947-4  |
| Product certifications    | CSA  |
| Protective treatment      | TC  |
| Ambient air temperature for operation | -25…70 °C |
| Ambient air temperature for storage | -40…70 °C |
| IP degree of protection   | IP54 conforming to EN/IEC 60529 |

### Offer Sustainability

| EU RoHS Directive               | Not applicable, out of EU RoHS legal scope |

### Contractual warranty

| Warranty | 18 months |