



### 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                       | Sheet steel (enclosure)              |
| Type of operator               | Operating lever, with counterweights |
| Number of poles                | 3                                    |
| [Ie] rated operational current | AC-3, Ie = 115 A) 3-pole scheme      |

### Complementary

|                                              |                                                                                                                                               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Reset                                        | Automatic reset                                                                                                                               |
| Switch actuation                             | Horizontal and vertical approach                                                                                                              |
| Minimum actuation speed                      | 2.5 m/s                                                                                                                                       |
| Contacts type and composition                | Without auxiliary contact block                                                                                                               |
| Contacts operation                           | Snap action                                                                                                                                   |
| [Ithe] conventional enclosed thermal current | 200 A at ≤ 40 °C 3-pole scheme                                                                                                                |
| [Ui] rated insulation voltage                | 600 V conforming to CSA C22.2 No 14<br>660 V conforming to VDE 0110 group C<br>660 V conforming to IEC 947-4<br>660 V conforming to IEC 158-1 |
| Rated breaking capacity                      | 900 kA at 660 V 2-pole scheme conforming to IEC 158-1<br>1100 kA at 500 V 2-pole scheme conforming to IEC 158-1                               |
| Cable cross section                          | 2 solid cable 95 mm² with cable end<br>1 solid cable 95 mm² with cable end                                                                    |
| Cable entry                                  | 2 entries tapped for Pg 36 cable gland                                                                                                        |
| Product weight                               | 29 kg                                                                                                                                         |

### Environment

|                                       |                                                                |
|---------------------------------------|----------------------------------------------------------------|
| Standards                             | IEC 158-1<br>IEC 947-1<br>IEC 947-4<br>NF C 63-110<br>VDE 0660 |
| 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               | IP43 conforming to EN/IEC 60529                                |

### Offer Sustainability

|                          |                             |
|--------------------------|-----------------------------|
| Sustainable offer status | Not Green Premium product   |
| RoHS (date code: YYWW)   | Will be Compliant on 4Q2014 |