

Product data sheet

Specifications



Overtravel limit switches, XR and XF, power switch, manual reset, 4P, 50/25 A, 2/3P scheme

XF9D251

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	, Ie = 50 A 2-pole scheme AC-3, Ie = 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

Environment

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

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 IEC 60529

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	16.200 cm
Package 1 Width	22.200 cm
Package 1 Length	27.400 cm
Package 1 Weight	2.646 kg
Unit Type Of Package 2	S06
Number Of Units In Package 2	18
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	60.556 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

Reach Regulation	REACH Declaration
Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
California Proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov