

XF9D251

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



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 -13...104 °F (-25...40 °C) 3-pole scheme 80 A -13...104 °F (-25...40 °C) 2-pole scheme
[Ui] rated insulation voltage	500 V IEC 158-1 500 V IEC 947-4 500 V VDE 0110 group C 600 V CSA C22.2 No 14
Rated breaking capacity	180 KA 660 V 2-pole scheme IEC 158-1 400 kA 500 V 2-pole scheme IEC 158-1
Cable cross section	1 flexible 0.00...0.01 in ² (1...6 mm ²) 1 flexible 0.00...0.02 in ² (1.5...10 mm ²) without cable end 1 solid 0.00...0.01 in ² (1.5...6 mm ²) without cable end 2 flexible 0.00...0.01 in ² (1...4 mm ²) with cable end 2 flexible 0.00...0.01 in ² (1.5...6 mm ²) without cable end 2 solid 0.00...0.01 in ² (1.5...6 mm ²) without cable end
Cable entry	2 entries tapped for Pg 21 cable gland
Net Weight	4.85 lb(US) (2.2 kg)

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	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
IP degree of protection	IP54 EN/IEC 60529

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.


Ordering and shipping details

Category	22449-LIMIT SWITCHES,ACCESSORIES
Discount Schedule	T
GTIN	3389110471830
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.38 in (16.200 cm)
Package 1 Width	8.74 in (22.200 cm)
Package 1 Length	10.79 in (27.400 cm)
Package 1 Weight	5.83 lb(US) (2.646 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	18
Package 2 Height	28.94 in (73.500 cm)
Package 2 Width	31.50 in (80.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	133.50 lb(US) (60.556 kg)

Offer Sustainability

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 Di-isodecyl 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
REACH Regulation	 REACH Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months
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