

Type designation: SL3-3x3/3A

Article number: L3031001

Images



(Illustration similar)

Description

according to EN60947-3, size NH3 - 630A 3pole switchable, DELTA-contact system for mounting on 3pole busbar system with 185mm centre-to-centre distance with screw terminal M12

Features

Type:	SL3-3x3/3A
Product Lifecycle:	Active product
Product standard:	IEC/DIN EN60947-3
Size:	NH3
Rated operating voltage U_e :	690 V
Rated operating current I_e :	630 A
Conv. free air thermal current with fuse-links I_{th} :	630 A
Conv. free air thermal current with solid links:	800 A
Rated frequency:	50 - 60 Hz
Rated isolation voltage U_i :	1,000 V
Total power loss at I_{th} (without fuse-link) P_V :	115 W
Utilization category 1:	690V - 630A - AC-21B
Utilization category 2:	500V - 630A - AC-22B
Utilization category 3:	400V - 630A - AC-23B
Rated impulse voltage U_{imp} :	12 kV
Rated conditional short-circuit current I_{CC} :	120 (AC 500V) kA
Rated short-time withstand current (kA):	15
Max. permissible power dissipation per fuse-link:	48 W
Ambient temperature:	-25 up to +70 (Attention derating of rated current required) °C
Type of Actuation:	Dependent manual operation
Altitude:	2000 m
Pollution degree:	3
Overvoltage category:	IV
Distance to metallic parts:	above: 50mm; lateral 10mm
Mounting position:	vertical / horizontal
Electrical endurance (switching cycles):	200
Mechanical endurance (total switching cycles):	1,000
Material properties:	<p>Strip base: Temperature resistance up to 200°C Self-extinguishing according to UL94 Tracking resistance CTI 600</p> <p>Side walls, protective covers, switch covers:</p>

Temperature resistance up to 125°C
 Self-extinguishing according to UL94
 Creepage resistance CTI 400

Fuse holding contacts:

E-Cu, silver-plated, externally spring-loaded

Leading bars:














E-Cu, tin-plated

Degree of protection:	IP30
Direction of cable terminal:	variable
Contact system:	DELTA-contact system with low power loss
Applicable for fuse-links:	NH2, NH3
Cable terminal:	Flat terminal M12
Busbar distance:	185 mm
Poles:	3
Current measurement:	false
Hight:	662 mm
Width:	100 mm
Depth:	202 mm
Fuse monitoring:	None
ETIM - Code:	EC001040

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Documents

	Catalogue	
	Operating manual	
	Dimensions	
	3D-STEP	
	Rated diversity factor	
	Catalogue Appendix	
	CE-conformity declaration	