

Type designation: SL1-3x3/9/RM300/800V

Article number: L1099077

Images



(Illustration similar)

Description

according to EN60947-3, size NH1 - 250A 3pole switchable, DELTA-contact system for mounting on 3pole busbar system with 185mm centre-to-centre distance with v-terminal and aluminium box clamp type RM300, max. clamping range: 25 - 300mm² for rated operational voltage AC800V

Features

Type:	SL1-3x3/9/RM300/800V
Product Lifecycle:	Active product
Product standard:	IEC/DIN EN60947-3
Size:	NH1
Rated operating voltage U_e :	800 V
Rated operating current I_e :	250 A
Conv. free air thermal current with fuse-links I_{th} :	250 A
Conv. free air thermal current with solid links:	400 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 :	23 W
Utilization category 1:	800V - 160A - AC-21B
Rated impulse voltage U_{imp} :	12 kV
Rated conditional short-circuit current I_{CC} :	50 kA
Max. permissible power dissipation per fuse-link:	32 W
Ambient temperature:	-25 up to +55 (≥35 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):	1,600
Material properties:	<p>Unterteil: Temperaturbeständigkeit bis 200°C Selbstverlöschend nach UL94 Kriechstromfestigkeit CTI 600</p> <p>Seitenwände, Schutzabdeckungen, Schaltdeckel: Temperaturbeständigkeit bis 125°C Selbstverlöschend nach UL94 Kriechstromfestigkeit CTI 400</p> <p>Sicherungsaufnahmekontakte:</p>

E-Cu, versilbert, fremdbefedert

Ableitschienen:












E-Cu, verzinkt

Degree of protection:	IP30
Direction of cable terminal:	variable
Contact system:	DELTA-contact system with low power loss
Applicable for fuse-links:	NH1
Cable terminal:	V-type aluminium box terminal RM300
Busbar distance:	185 mm
Poles:	3
Current measurement:	false
Fuse monitoring:	None
ETIM - Code:	EC001040

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Documents

 Catalogue 
 Technical information 
 Operating manual 
 Rated diversity factor 
 Catalogue Appendix 
 CE-conformity declaration 