

NH strip-type fuse-switch-disconnector SL3-3X/9/KM2G

Article number: L3996004



(Illustration similar)

Description

according to EN60947-3, size NH3 - 630A 1pole switchable, DELTA-contact system for mounting on 3pole busbar system with 185mm centre-to-centre distance with v-terminal and steel-frame clamp type KM2G, max. clamping range: 25 - 300mm²

Features

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| Product Lifecycle: | Active product |
| Type: | SL3-3x/9/KM2G |
| Size: | NH3 |
| Rated operating voltage U_e : | 690V |
| Rated operating current I_e : | 630A |
| Busbar distance: | 185mm |
| Poles: | 3 |
| Switching mode: | 1pole switchable |
| Utilization category 1: | 690V - 630A - AC-21B |
| Utilization category 2: | 500V - 630A - AC-22B |
| Utilization category 3: | 400V - 630A - AC-23B |
| Current measurement: | false |
| Conv. free air thermal current with fuse-links I_{th} : | 630A |
| Conv. free air thermal current with solid links: | 800A |
| Contact system: | DELTA-contact system with low power loss |
| Rated impulse voltage U_{imp} : | 12kV |

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|--|--|
| Rated isolation voltage U^i : | 1000V |
| Rated frequency: | 50 - 60Hz |
| Rated conditional short-circuit current I^{∞} : | 120 (AC 500V)kA |
| Total power loss at I^{th} (without fuse-link) P_v : | 115W |
| Max. permissible power dissipation per fuse-link: | 48W |
| Ambient temperature: | -25 up to +70 (Attention derating of rated current required)°C |
| Type of Actuation: | Dependent manual operation |
| Mounting position: | vertical / horizontal |
| Altitude: | 2000m |
| Pollution degree: | 3 |
| Overvoltage category: | IV |
| Cable terminal: | V box terminal KM2G 25-300mm ² |
| Electrical endurance (switching cycles): | 200 |
| Mechanical endurance (total switching cycles): | 800 |
| Degree of protection: | IP2x |
| Material properties: | |
| Rated short-time withstand current (kA): | 10 |
| Distance to metallic parts: | above: 50mm; lateral 10mm |
| ETIM - Code: | EC001040 |

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