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NH fuse-switch-disconnectors, size 000



► SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

SV 3431.000 - NH fuse-switch-disconnectors, size 000 for mounting plate assembly

Features

Model No.	SV 3431.000
Design	For mounting plate assembly
Material	Fibreglass-reinforced polyamide Fire protection corresponding to UL 94 Contact tracks: Silver-plated hard copper
Colour	Chassis: RAL 9011 Cover: RAL 7035
Clamping area for laminated copper bars	Clamping area width: 10 mm Clamping area height: 10 mm
for mounting plate assembly	Yes
Cable outlet	Top/bottom
Type of electrical connection	Box terminal
Rated operating current max.	100 A
Rated operating voltage	690 V, 3~
For NH size	000
Test specification	IEC/DIN EN 60 947-3 DIN EN 60 269-2 (fuse inserts)
Dimensions	Width: 89 mm Height: 141.5 mm
Connection of round conductors	1.5 - 50 mm ²
Number of poles	3-pole
Packs of	1 pc(s).
Net weight	0.401
Gross weight	0.453

Features

Copper weight (kg per piece)	0.15
Customs tariff number	85369095
EAN	4028177042391
ETIM 9	EC000249
ETIM 8	EC001040
ECLASS 8.0	27371401

Approvals

Approvals	CQC-CCC
Explanations	Declaration of conformity Declaration of conformity UK

Tender text

NH fuse-switch-disconnector
for mounting plate assembly
Monitoring of lid position is possible.
Type: size 000
Rated operating current: 100 A
160 A for 95 mm²
Connection cross section
95 mm² connection piece available on request
Rated operating voltage: 690 V AC
Rated insulation voltage: 690 V AC
Rated surge voltage resistance: 4 kV
Insulation group to VDE 0110: C
Conditional rated short-circuit current
when protected with fuses: 80 kA for fuses 100 A
20 kA for fuses 160 A
Rated making capacity with fuse: =/1 of
fuse inserts to VDE 0636 part 21
Rated breaking capacity to
VDE 0660 part 107/IEC 60 947-3: AC 22B for 400 V~
Mechanical life: > 1000 (switching cycles)
Permissible ambient temperature: - 25 °C to +55 °C
Fire protection corresponding to UL 94-V0
P_{vmax}./fuse insert: 7.5 W
Cable outlet: top / bottom
Type of connection:
Terminal up to 50 mm²
Tightening torque
Terminal screw: 3 Nm
without fuse monitoring
Material
Isolator lid: fibreglass-reinforced polyamide
Contact hazard protection:
fibreglass-reinforced polyamide
Isolator chassis: fibreglass-reinforced polyamide
Contact tracks: silver-plated hard copper