h3 MCCB h1000 3x630A Plug In 70kA

Product Datasheet

Number of poles 3 F Type of pole 3P3C Functions Complete device with protection unit yes Trip Unit LS Integrated earth fault protection not Compatibility Compatibility Compatibile with DIN rail mounting not Main electrical features Rated operational voltage Ue 220 / 690 V Frequency 50/60 H2 Voltage Rated insulation voltage W Rated insulation voltage 800 V Rated insulation voltage 10 S V V Bated insulation voltage 10 S V V Frequency 10 V V V Rated insulation voltage 10 S V V V Rated insulation voltage 10 S V V V Rated insulation voltage 10 S V V V V Rated insulation voltage 10 S V V V V V V V V V V V V V V V V V V	Architecture	
Type of pole 3P3C Functions Complete device with protection unit yees Trip Unit LS Integrated earth fault protection Compatibility Compatibility Compatibility Compatibile with DIN rail mounting nc Main electrical features Rated operational voltage Ue 220 / 690 V Frequency 50/60 H2 Voltage Rated insulation voltage Ne Electric current Rated disultation voltage Readed Electric current Electric current Electric current Sated Unitmate short-circuit breaking capacity Icu Under 200 VF 60947-2 Rated ultimate short-circuit breaking capacity Icu Under 200 VF	Type of order	Toggle
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		70 kA
		65 kA

Current correction factors

Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	1
Correction factor of rating current for 4 and 5 devices placed side-by-side	1
Correction factor of rating current for 6 devices placed side-by-side	1

Power

Total power loss under IN	90 W
Power loss per pole at In	30 W

Tripping

Tripmode	LSI
Thermal protection trip time	5 / 10 / 11 / 19 / 21 / 29 ms
Time of response when opening	10 ms

Electrical specifications

Magnetic trip delay time	100 to 200 ms
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Endurance

Electric endurance in number of cycles	1000
Number of mechanical operations	4000

Installation, mounting

Tightening torque	65Nm
DIN rail mounting with optional adaptator	no

Connection

Connection cross-sect. flexible conductor	2x240mm²
Connection cross-sect. rigid cable	2x240mm²
Connection	Front connection
Type of connection	Terminal

Settings

Range of the magnetic adjustment	3500 / 4410 / 5600 / 7000 / 7560 / 7560 / 7560 A
Magnetic protection nob setting xIN	2,5 / 5 / 10
Setting type In or Ith	IrTh
Equipment	
Motor drive optional	yes
Use cases	
Category of use	A



Standards	
Standard text	IEC 60947-2
European directive WEEE	concerned
Safety	
Protection index IP	IP4X
Use conditions	
Operating temperature	-2570 °C
Altitude	2000 m
Air humidity protection	for all climates
Storage/transport temperature	-3570 °C