

MCB 3P 10kA C-25A 3M

Technische Merkmale

Architecture

Number of protected poles	3
Number of poles	3 P
Type of pole	3 P
Curve	С

Connectivity

Bottom connection alignement for modular devices	Aligned terminal
Top connection alignement for modular devices	Aligned terminal

Main electrical features

Frequency		50/60 Hz
Rated short circuit breaking capacity Icn AC according IEC60898-1	JIN 9	10 kA
Type of supply voltage		AC
Rated operational voltage Ue		230/400 V

Voltage

Rated insulation voltage	KIN	500 V
Rated impulse withstand voltage	3	4000 V

Electric current

Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1	10 kA
Rated service breaking capacity Ics AC according IEC 60898-1	7,5 kA
Breaking capacity on 1 pole with 400 V NF 60947-2	3 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	10 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	10 kA
Magnetic regulating currrent at 40° C	5/10 In
min/maxi threshold value of the DC magnetic operation	7/15 ln
min/maxi threshold value of the AC thermal operation	1,13/1,45 ln
min/maxi threshold value of the DC thermal operation	1,13/1,45 ln



Rating current -15°C 30,94 A Rating current 10°C 28,7 A Rating current 10°C 27,5 A Rating current 10°C 29,8 A Rating current 15°C 26,9 A Rating current 25°C 26,3 A Rating current 25°C 25,7 A Rating current 25°C 25,7 A Rating current 30°C 25,8 A Rating current 30°C 24,3 A Rating current 40°C 23,6 A Rating current 45°C 22,9 A Rating current 5°C 22,1 A Rating current 5°C 22,1 A Rating current 5°C 22,2 A Rating current 5°C 20,3 A Rating current 5°C 20,4 A Rating current 5°C 20,4 A Rating current 6°C 20,7 A Rating current 7°C 20,2 A Rating current 7°C 19,2 A Currection factor of magnetic tripping with 100 Hz 1,2 Corre	Electric current / temperature	
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Dimensions Depth of installed product 70 mm Height of installed product 83 mm	Electric endurance in number of cycles	4000
Depth of installed product 70 mm Height of installed product 83 mm	Number of mechanical operations	20000
Height of installed product 83 mm	Dimensions	
Height of installed product 83 mm	Depth of installed product	70 mm
		83 mm
	Width of installed product	52,5 mm



Type of top connection for modular devices	with screw
Tightening torque	2,8Nm
Type of bottom rail clip for modular devices	metallic
Type of top rail clip for modular devices	NA
Type of Bottom Connection for modular devices	Blconnect
Bottom removability for modular devices	no
Top removability for modular devices	no
Connection	
Connection cross-sect. rigid cable	1 / 35mm²
Connection cross-sect. flexible conductor	1 / 25mm²
Type of connection	with screw
Connection cross section of access and exit with screws, for flexible conductor	1/25 mm²
Connection cross-section of input and output with screws, for massive conductors	1/35 mm ²
Standards	
Standard text	EN 60898-1
European directive WEEE	concerned
Safety Protection index IP	IP20
	IP20
Protection index IP	IP20 2
Protection index IP Use conditions Degree of pollution according to IEC 60664 / IEC	
Protection index IP Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2	2
Protection index IP Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Operating temperature	2 -25 70 °C
Protection index IP Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Operating temperature Class of energy limitation I²t	-25 70 °C 3
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