

MT325A

MCB 3P 6kA B-25A 3M

Technical characteristics

Type of pole 3 i Curve 1 Functions 1 Configuration N Number of modules 1 Connectivity 1 Top connection alignement for modular devices Aligned termina Bottom connection alignement for modular devices Aligned termina Main electrical features Aligned termina Rated short circuit breaking capacity Icn AC according IEC60898-1 6 k/ Rated operational voltage Ue 230 / 400 V Frequency 50/60 H Voltage 200 V Rated insulation voltage 500 V Rated service breaking capacity Ics AC according IEC 60898-1 6 k/ Caccording IEC 60898-1 6 k/ Rated insulation voltage 500 V Rated current 25 / Rated service breaking capacity Ics AC according IEC 60898-1 6 k/ min/maxit threshold value of the AC thermal operation 1.13 / 1.45 II Magnetic regulating current 3 / 5 II min/maxit threshold value of the DC thermal operation 4 / 7 II min/maxit threshold value of the DC thermal operation 1.13 / 1.45 II min/maxit	Number of protected poles	3
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60947-2 3 k/	min/maxi threshold value of the DC thermal operation	1.13 / 1.45 lr
	Breaking capacity on 1 pole for IT 400V NF 60947-2	3 kA
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Rated ultimate short-circuit breaking	
capacity Icu under 415V AC IEC 60947-2	

Electric current / temperature

Rating current -25°C	31.4 A
Rating current -20°C	30.9 A
Rating current -15°C	30.4 A
Rating current -10°C	29.8 A
Rating current -5°C	29.3 A
Rating current 0°C	28.7 A
Rating current 5°C	28.1 A
Rating current 10°C	27.5 A
Rating current 15°C	26.9 A
Rating current 20°C	26.3 A
Rating current 25°C	25.7 A
Rating current 30°C	25 A
Rating current 35°C	24.3 A
Rating current 40°C	23.6 A
Rating current 45°C	22.9 A
Rating current 50°C	22.2 A
Rating current 55°C	21.4 A
Rating current 60°C	20.7 A
Rating current 65°C	20 A
Rating current 70°C	19.2 A

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	0.95
Correction factor of rating current for 4 and 5 devices placed side-by-side	0.9
Correction factor of rating current for 6 devices placed side-by-side	0.85
Correction factor of magnetic tripping with 100 Hz	1.1
Correction factor of magnetic tripping with 200 Hz	1.2
Correction factor of magnetic tripping with 400 Hz	1.5
Correction factor of magnetic tripping with 60 Hz	1
Dimensions	
Depth of installed product	70 mm

Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	52.5 mm

Frequency

Frequency

50 to 60 Hz

10 kA

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Power
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Total power loss under IN	9.5 W
Power loss per pole at In	3.25 W
Endurance	
Electric endurance in number of cycles	4000
Number of mechanical operations	20000
Installation, mounting	
Type of top connection for modular devices	with screw
Tightening torque	2,8Nm
Type of top rail clip for modular devices	NA
Type of bottom rail clip for modular devices	metallic
Type of Bottom Connection for modular devices	Blconnect
Top removability for modular devices	No
Bottom removability for modular devices	No
Connection	
Connection cross-sect. flexible conductor	1 / 25mm²
Connection cross-sect. rigid cable	1 / 35mm²
Connection cross-section of input and output with screws, for massive conductors	1 / 35 mm²
Connection cross section of access and exit with screws, for flexible conductor	1 / 25 mm²
Type of connection	with screw
Standards	
Standard text	EN 60898-1
Safety	
REACH conform	No
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-2570 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I ² t	3
Altitude	2000 m
Air humidity protection	for all climates
Storage/transport temperature	-2580 °C
Identification	

Aesthetic for B.G. Protection devices

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