



MC232A

MCB 2P 6kA C-32A 2M

Technical Features

Electric current

Rated current	32 A
Rated current -15°C	37.50 A
Rated current -10°C	37 A
Rated current -5°C	36.40 A
Rated current at 0°C	35.80 A
Rated current 5°C	35.20 A
Rated current 10°C	34.60 A
Rated current 15°C	33.90 A
Rated current at 20°C	33.30 A
Rated current 25°C	32.70 A
Rated current 30°C	32 A
Rated current 35°C	31.30 A
Rated current at 40°C	30.60 A
Rated current at 45°C	29.90 A
Rated current at 50°C	29.20 A
Rated current 55°C	28.50 A
Rated current 60°C	27.70 A
Rated current 65°C	27 A
Rated current 70°C	26.30 A

Architecture

Type of pole	2P
Curve	C

Capacity

Number of modules	2
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Main electrical attributes

Rated short-circuit breaking capacity I _{cn} AC according to IEC 60898-1	6 kA
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Installation, mounting

Nominal tightening torque top terminal	2.80 - 2.80 Nm
Nominal tightening torque down terminal	2.80 - 2.80 Nm

Voltage

Rated operational voltage U _e	400 - 400 V
Type voltage supply	AC
Rated insulation voltage U _i	500 V
Rated impulse withstand voltage U _{imp}	4000 V

Frequency

Frequency	50 - 60 Hz
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Connection

Cross-section of input and output with screws, for massive conductors	1 - 35 mm ²
Cross-section of input and output with screws, for flexible conductors	1 - 25 mm ²
Cross-section of input with screws, for flexible conductors	1 - 25 mm ²
Cross-section of input with screws, for massive conductors	1 - 35 mm ²
Cross-section flexible conductor	1 - 25 mm ²
Cross-section rigid conductor	1 - 35 mm ²

Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
Type of bottom connection for modular devices	biconnect
Type of top connection for modular devices	Screw terminal
360° mounting position possible	Yes

Safety

Ingress Protection (IP) class	IP20
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Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
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Class of energy limitation I ² t	3
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Air humidity protection	For all climates
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Operating temperature	-25 - 70 °C
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Power

Total power loss under IN	7.30 W
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Connectivity

Type of connection	Screw terminal
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Top connection alignment for modular devices	Aligned terminal
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Down connection alignment for modular devices	Aligned terminal
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Dimensions

Height	83 mm
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Width	35 mm
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Depth	70 mm
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Sustainability

RoHS conform	Yes
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