

MCB 3P 10kA B-40A 3M

Technical Features

Electric current

Rated current	40 A
Rated short-circuit breaking capacity I _{cn} under 230 V AC according to IEC 60898-1	10 kA
Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2	10 kA

Architecture

Type of pole	3P
Curve	B

Capacity

Number of modules	3
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Main electrical attributes

Rated short-circuit breaking capacity I _{cn} AC according to IEC 60898-1	10 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

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
Grid distance	35 mm

Use conditions

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

Power

Total power loss under I _N	18.70 W
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Connectivity

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

Dimensions

Height	83 mm
Width	52.50 mm
Depth	70 mm

Connection

Cross-section flexible conductor	1 - 25 mm ²
Cross-section rigid conductor	1 - 35 mm ²