



MU425A

### MCB 4P 6kA C-25A 4M

#### Technical Features

##### Electric current

Rated current	25 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	7.50 kA
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	6 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	10 kA
Rated current -15°C	30.40 A
Rated current -10°C	29.80 A
Rated current -5°C	29.30 A
Rated current at 0°C	28.70 A
Rated current 5°C	28.10 A
Rated current 10°C	27.50 A
Rated current 15°C	26.90 A
Rated current at 20°C	26.30 A
Rated current 25°C	25.70 A
Rated current 30°C	25 A
Rated current 35°C	24.30 A
Rated current at 40°C	23.60 A
Rated current at 45°C	22.90 A
Rated current at 50°C	22.20 A
Rated current 55°C	21.40 A
Rated current 60°C	20.70 A
Rated current 65°C	20 A
Rated current 70°C	19.20 A

##### Architecture

Type of pole	4P
Curve	C

##### Capacity

Number of modules	4
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##### Main electrical attributes

Rated short-circuit breaking capacity Icn 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 Ue	400 - 400 V
Type voltage supply	AC
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	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 mm²
Cross-section of input and output with screws, for flexible conductors	1 - 25 mm²
Cross-section of input with screws, for flexible conductors	1 - 25 mm²
Cross-section of input with screws, for massive conductors	1 - 35 mm²
Cross-section flexible conductor	1 - 25 mm²
Cross-section rigid conductor	1 - 35 mm²

##### Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
Type of bottom connection for modular devices	biconnect

# Product Datasheet

## MU425A

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### Installation, mounting

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
Class of energy limitation I <sup>2</sup> t	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C

### Power

Total power loss under IN	13.60 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	70 mm
Depth	70 mm

### Sustainability

RoHS conform	Yes
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