

ADA925U

RCBO 1P+N 6kA B-25A 30mA A Class

Technical characteristics

Type of pole	1P+N
Curve	E
Electric current	
Rated current	25 A
Rated residual operating current Idn	30 mA
Rated current -25°C	28.20 A
Rated current at -20°C	27.90 A
Rated current -15°C	27.60 A
Rated current -10°C	27.40 A
Rated current -5°C	27.10 A
Rated current at 0°C	26.80 A
Rated current 5°C	26.50 A
Rated current 10°C	26.20 A
Rated current 15°C	25.90 A
Rated current at 20°C	25.60 A
Rated current 25°C	25.30 A
Rated current 30°C	25 A
Rated current 35°C	24.80 A
Rated current at 40°C	24.50 A
Rated current at 50°C	24 A
Rated current 55°C	23.80 A
Rated current 60°C	23.50 A
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	0.90
Correction factor of rating current for 6 devices placed side by side	0.85
Min./max. threshold value of the AC thermal operation	1.13 - 1.45 4
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	6 kA
Safety	
Residual current type	Ą
Ingress Protection (IP) class	IP20

Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 Connectivity Type of connection Voltage Rated insulation voltage UI Rated insulation voltage UI Rated insulation voltage U Rated operational voltage U Max. operating voltage Rated operational voltage Ue Overvoltage category according to IEC 60947-1 Power Total power loss under IN Frequency Visc conditions Max. Altitude Class of energy limitation IPt Operating temperature Storage/transport temperature Endurance Electric endurance in number of cycles Number of mechanical operations Conse-section flexible conductor Cross-section of input with screws, for flexible conductors Cross-section of output with screws, for flexible conductors Cross-section of input and output with screws, for flexible conductors <	6 kA Screw termina 500 v 4,000 v 240 v 240 v 3
Type of connection Voltage Rated insulation voltage Ui Rated impulse withstand voltage Uimp Max. operating voltage Rated operational voltage Ue Overvoltage category according to IEC 60947-1 Power Total power loss under IN Frequency Frequency Use conditions Max. Altitude Class of energy limitation Pt Operating temperature Storage/transport temperature Electric endurance in number of cycles Number of mechanical operations Consection Cross-section of input with screws, for flex-lible conductors Cross-section of output with screws, for flex-lible conductors Cross-section of input and output with crews Cross-section of input and output with crews Cross-section of input and output with	500 V 4,000 V 240 V 240 - 240 V
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screws, for flexible conductors Cross-section of input and output with	1 - 25 mm ²
	1 - 16 mm²
SCIEWS, IOLIHASSIVE CONDUCTORS	1 - 25 mm ²
Installation, mounting	
Nominal tightening torque	2.10 - 2.10 Nm
Type of top connection for modular devices	Screw termina
Type of bottom connection for modular devices	Screw termina
Capacity	biconnect

Number of modules

Dimensions

Height	83 mm
Width	35 mm
Depth	68 mm