



ADX425T

RCBO 4P 10kA C-25A 30mA A

Technical properties

Electric current

Rated current	25 A
Rated residual operating current I _{dn}	30 mA
Rated current -25°C	31,70 A
Rated current at -20°C	31,20 A
Rated current -15°C	30,60 A
Rated current -10°C	30 A
Rated current -5°C	29,40 A
Rated current at 0°C	28,90 A
Rated current 5°C	28,30 A
Rated current 10°C	27,60 A
Rated current 15°C	27 A
Rated current at 20°C	26,40 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	22,80 A
Rated current at 50°C	22 A
Rated current 55°C	21,20 A
Rated current 60°C	20,40 A
Rated service breaking capacity I _{cs} AC according to IEC 60898-1	7,50 kA

Architecture

Curve	C
Neutral position	Right
Type of pole	4P
Number of protected poles	4

Capacity

Number of modules	4
-------------------	---

Safety

Residual current type	A
Ingress Protection (IP) class	IP20

Voltage

Type voltage supply	AC
---------------------	----

Rated operational voltage Ue	240 - 415 V
Rated insulation voltage Ui	500 V
Dielectric strength value of power frequency	2 kV
Rated impulse withstand voltage Uimp	4000 V
Main electrical attributes	
Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	10 kA
Nominal tightening torque down terminal	2 - 2 Nm
Nominal tightening torque top terminal	2 - 2 Nm
Frequency	
Frequency	50 - 50 Hz
Connection	
Cross-section of input with screws, for flexible conductors	1 - 16 mm ²
Cross-section of input with screws, for massive conductors	1 - 25 mm ²
Installation, mounting	
Nominal tightening torque	2 - 2 Nm
360° mounting position possible	Yes
Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	biconnect, Bypass
Use conditions	
Class of energy limitation I ² t	3
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 - 40 °C
Dimensions	
Height	84 mm
Width	71 mm
Depth	70 mm
Power	
Total power loss under IN	12,30 W