

Catalogue No: **MOD6RCBO1-20-30-AL**

RCBO MOD6 1P+N 6kA 20A C CURVE 30mA TYPE A LONGBODY

Power Distribution and Protection > Circuit Breakers > Miniature Circuit Breakers and Earth Leakage Protection (RCDs and RCBOs) > MOD6 Residual Current Device > MOD6 RCBO1 6kA Panelboard Model - 1 Pole Width (Longbody with Pigtail) > Type A



Representative Photo Only
(actual product may vary based on configuration selections)

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Approval No NSW17482 or RCM

SPECIFICATIONS

Product Series	MOD6
Component Type Power Distribution & Protection	RCBO
Trip Curve	C
RCD Type, AS/NZS 61008/61009	A (Unswitched Neutral)
In, Rated Current at 30°C	20 A @30°C
IΔn, Rated Leakage Current	30 mA
Poles	1P + N
Rated Frequency	50 / 60 Hz
Un, Nominal Operational Voltage, AC	240 V AC
U _{bmin} , Service Voltage, AC, Min	195 V AC
U _{bmax} , Service Voltage, AC, Max	265 V AC
Selectivity Class (IEC 60898)	3
IΔm, Rated Residual Make/Break Capacity	6000 A
I _{cn} , Rated Short Circuit Capacity	6 kA
Isolator Application, IEC 60947-2	Yes
Ui, Rated Insulation Voltage	440 V (rms)
Approval(s)	N17482
Insulation Resistance	1000 MΩ
Dielectric Strength	2500V
Electrical Service Life at Un, In	10000 cycles
Mechanical service life	20000 cycles
IP Rating, Inside	IP40
IP Rating, Outside	IP20
Flammability Rating (UL94)	UL 94 V-2
Wire / Conductor Size, Rigid Cable, Top, Max	25 mm ² Top
Wire / Conductor Size, Rigid Cable, Bottom, Max	35 mm ² Bottom
Tightening Torque, Top, Nominal	3 Nm
Tightening Torque, Bottom, Nominal	4.5 Nm



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Busbar System, Bottom	Fork Pin
Mounting	DIN-35 Rail Mount
Height	125 mm
Width	18 mm
Depth	76 mm
Weight	0.235 kg
Operating Temperature, Min	-5 °C min
Operating Temperature, Max	60 °C max
Storage Temperature, Min	-25 °C min
Storage Temperature, Max	70 °C max
Relative Humidity, Max	95 %RH
Shock Rating	IEC 60077-16-3
Vibration Acceleration (Max.)	2 g
Standards Compliance	AS/NZS 61009 IEC 60077-16-3 IEC 60947-2

REFERENCES

IECEx Certificate -

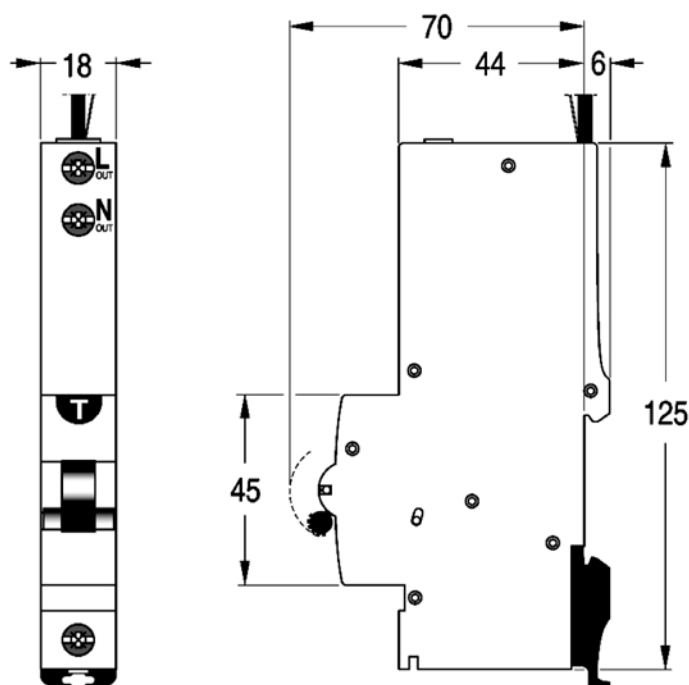
Supplier Declaration of Conformity: [MOD6RCBO1xxxxx_Supplier Declaration of Conformity \(SDoC\)](#)

Installation Guide: -

User Manual: -

Manufacturer Datasheet: -

Manufacturer Catalogue & Product Selection: -



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Dimension Diagram

