

Catalogue No: **DSRCB-25-30-A**

RCBO DIN-SAFE 10kA 1P+N 25A C CURVE 30mA TYPE A

Power Distribution and Protection > Circuit Breakers > Miniature Circuit Breakers and Earth Leakage Protection (RCDs and RCBOs) > DIN-Safe Residual Current Device > DIN-Safe RCBO (2P Width) > 10kA RCBO without Pigtail




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

MCB/RCD 10KA 1PN 25A 30MA (A)

- Improved immunity to harmonics avoiding inconvenient service interruption
- Large selection of current ratings for all commercial and industrial applications
- Various RCD types including AC, A, S, F and type B are available ensuring whatever the load(s) connected, you and/or the installation is protected from earth leakage currents
- Wide range of trip sensitivity options to choose from with 10mA up to 500mA RCDs covering any application requirement
- 6 or 10kA short circuit capacity available for RCBOs
- Compatibility with a wide range of DIN-T MCB accessories including auxiliaries, shunt and undervoltage trip, motor operator, locking devices, pole covers and more

SPECIFICATIONS

Component Type Power Distribution & Protection	RCBO
Trip Curve	C
RCD Type, AS/NZS 61008/61009	A (Switched Neutral)
In, Rated Current at 30°C	25 A @30°C
IΔn, Rated Leakage Current	30 mA
Poles	1P + N
Number of Poles versus Modules	1
Rated Frequency	50 / 60 Hz
Un, Nominal Operational Voltage, AC	240 V AC
U _{min} , Service Voltage, AC, Min	100 V AC
U _{max} , Service Voltage, AC, Max	255 V AC
IΔm, Rated Residual Make/Break Capacity	6000 A
I _{cn} , Rated Short Circuit Capacity	10 kA
U _{imp} , Impulse Withstand Voltage, 1.2/50μs	6 kV, 1.2/50μs
Grid Distance (Safety Difference Between 2 Devices)	35 mm
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
Package Quantity	6 qty
Wire / Conductor Size, Flex Cable, Top, Max	16 mm ² Top

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Wire / Conductor Size, Rigid Cable, Bottom, Max	35 mm ² Bottom
Wire / Conductor Size, Flex Cable, Bottom, Max	25 mm ² Bottom
Tightening Torque, Top, Nominal	4 Nm
Tightening Torque, Bottom, Nominal	4 Nm
Busbar System, Bottom	Fork Pin
Trip-Free Mechanism	Yes
Mounting	DIN-35 Rail Mount
Add-On Devices (side add-on)	Auxiliary Contacts PBS Tele L Tele M Tele U
Padlockable	Yes, Captive and Non-Captive (Ordered Separately)
Sealable	Yes Y / N
Centre Trip Position	No Y / N
Height	86 mm
Width	36 mm
Depth	68 mm
Weight	0.25 kg
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	60 °C max
Storage Temperature, Min	-5 °C min
Storage Temperature, Max	70 °C max
Relative Humidity, Max	95 %RH
Shock Acceleration (Max.)	40 g
Shock Duration (Max.)	5 ms
Shock Rating	IEC 60077-16-3
Vibration Acceleration (Max.)	1.5 g
Vibration Frequency, Operational (Max.)	80 Hz
Vibration Duration (Max.)	30 min
Vibration Rating	IEC 60068-2-6
Standards Compliance	AS/NZS 61009 EN 61009-1 IEC 61009-1

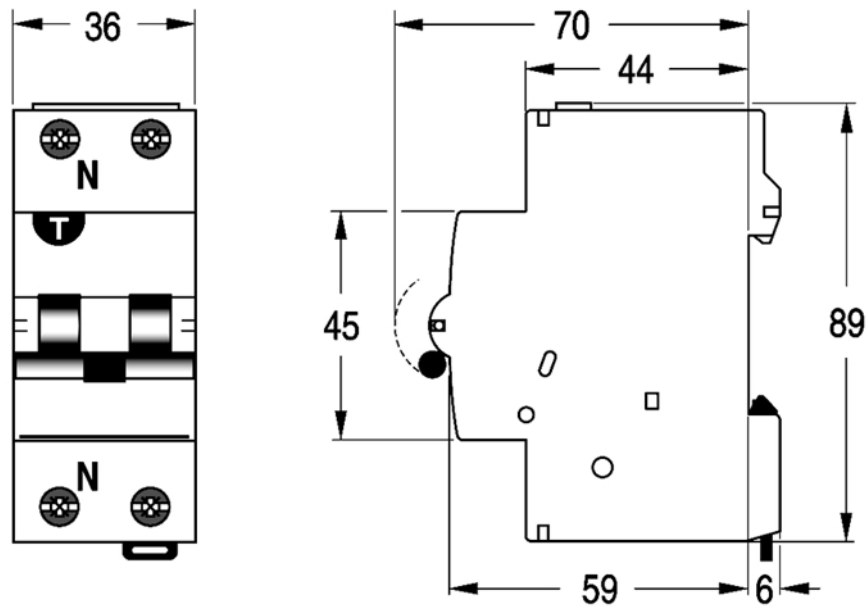
REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	DSRCBxxxxx_Supplier Declaration of Conformity (SDoC)
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-

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Dimension Diagram