elettrocanali
THE ITALIAN EVOLUTION OF ELECTRICITY

TECHNICAL DATA SHEET



ECK81030

RESIDUAL CURRENT DEVICE MT 1P+N 30 MA 16A - 6 KA

Residential > Utility series > Utility series > Mcb's - rcd's > Earth leakage circuit breaker

Technical Symbols/Marks/Approvals

IP20 | CE | RoHS II | MADE IN ITALY

Norms

CEI EN 60898-1 CEI EN 61008-1 CEI EN 61009-1

Description

1P+N Residual Current Circuit Breaker with Overcurrent protection (RCBO) - 2 modules. Made of self-extinguishing V0 technopolymer (UL94 standard) with high UV resistance. Rated voltage: 250 V~ 50/60Hz. Rated residual current: 30 mA. Class: AC. Rated current at 30° C: 16A. Magnetothermic tripping characteristic: C curve. Rated short-circuit capacity: 4.5 kA. Resistance to abnormal heat (Glow Wire Test IEC 60695-2-11 standard): up to 960°C. Protection degree: IP20.

Etim

GROUP EG000020 - Circuit breakers and fuses

CLASS EC000905 - Earth leakage circuit breaker

Rated voltage	230 V	**Rated current**	16 A	**Rated fault current**	0.03 A
Rated insulation voltage Ui	440 V	**Rated impulse withstand voltage Uimp**	4 kV	**Power loss**	2.3 W
Leakage current type	AC	**Surge current capacity**	0.25 kA	**Voltage type**	AC
With interlocking device	No	**Frequency**	50/60 Hz	**Degree of protection (IP)**	IP20
Width in number of modular spacings	2	**Built-in depth**	43.7 mm	**Ambient temperature during operating**	-25 ÷ 40 °C
Pollution degree	2	**Connectable conductor cross section multi-wired**	25 ÷ 25 mm²	**Connectable conductor cross section solid-core**	35 ÷ 35 mm²
Flush-mounted installation	Yes	**Release characteristic**	C	**Number of poles (total)**	2
Number of protected poles	1	**Current limiting class**	3	**Concurrently switching neutral conductor**	Yes
Overvoltage category	3	**Rated short-circuit breaking capacity according to IEC 60947-2**	4.5 kA	**Disconnection characteristic**	Undelayed
Anti-nuisance tripping version	No				

Information, dimensions, diagrams and images are provided for informational purposes only and are current as of the date indicated. These elements may be subject to change at any time.

Barcode



8053676570317

Unit

1 NR

0.24 [kg]

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