elettrocanali
THE ITALIAN EVOLUTION OF ELECTRICITY

TECHNICAL DATA SHEET



IMMAGINE RAPPRESENTATIVA — REPRESENTATIVE IMAGE

ECK81012

AUTOMATIC SWITCH MT 1P+N 20A - 4,5 KA

Residential > Utility series > Utility series > Mcb's - rcd's > Miniature circuit breaker (mcb)

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 Magnetothermic Circuit Breaker - 1 module. Made of self-extinguishing V0 technopolymer (UL94 standard) with high UV resistance. Rated voltage: 250 V~ 50/60Hz. Rated current at 30° C: 20A.
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 EC000042 - Miniature circuit breaker (MCB)

Rated voltage	230 V	**Rated current**	20 A	**Rated insulation voltage Ui**	440 V
Rated impulse withstand voltage Uimp	4 kV	**Power loss**	2.5 W	**Voltage type**	AC
Additional equipment possible	No	**Degree of protection (IP)**	IP20	**Width in number of modular spacings**	1
Built-in depth	42.5 mm	**Ambient temperature during operating**	-25 ÷ 40 °C	**Pollution degree**	2
Connectable conductor cross section multi-wired	10 ÷ 10 mm²	**Connectable conductor cross section solid-core**	10 ÷ 10 mm²	**Explosion-proof**	No
Flush-mounted installation	Yes	**Frequency**	50 ÷ 60 Hz	**Release characteristic**	C
Number of poles (total)	2	**Number of protected poles**	1	**Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V**	4.5 kA
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	4.5 kA	**Current limiting class**	3	**Concurrently switching neutral conductor**	Yes
Overvoltage category	3				

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

8053676570294
Unit
1 NR
0.1083 [kg]

8059606150543
Cardboard
12 NR
1.2996 [kg]

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