Product data sheet
Characteristics

EZ9R34440
Residual current circuit breaker (RCCB), Easy9, 4P, 40A, AC type, 30mA



Main

Range of product	Easy9
Product or component type	Residual current circuit breaker (RCCB)
Device short name	Easy9 RCCB
Poles description	4P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	30 MA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Rated breaking and making capacity	500 A
Rated conditional short-circuit current	Easy9 MCB: 4500 A 40 A

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	400 V AC 50 Hz
Residual current tripping technology	Voltage independent
[Ui] rated insulation voltage	440 V AC
[Uimp] rated impulse withstand voltage	4 KV
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top: YES
Connection pitch	18 Mm between phases
9 mm pitches	8
Height	82 Mm
Width	72 Mm
Depth	72 Mm
Colour	Grey (RAL 7035)
Mechanical durability	5000 Cycles
Electrical durability	AC: 2000 cycles 400 V AC 50 Hz
Connections - terminals	Tunnel type terminal (top or bottom) 1…35 mm² rigid Tunnel type terminal (top or bottom) 1…25 mm² flexible

Tightening torque	3.5 N.M top or bottom
Market segment	Small commercial Residential

Environment

Standards	IEC 61008-1
Product certifications	ISI[RETURN]CE
IP degree of protection	IP20
Pollution degree	2 conforming to IEC 61008-1
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25…60 °C
Ambient air temperature for storage	-40…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.500 Cm
Package 1 Width	8.500 Cm
Package 1 Length	9.100 Cm
Package 1 Weight	346.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	9.500 Cm
Package 2 Width	10.200 Cm
Package 2 Length	25.500 Cm
Package 2 Weight	1.123 Kg
Unit Type of Package 3	S03
Number of Units in Package 3	27
Package 3 Height	30.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	10.836 Kg

Offer Sustainability

Recyclability potential, in %	51
Total lifecycle Carbon footprint	24 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	15.947054871100327
Carbon footprint of the manufacturing phase [A1 to A3]	16 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1795598752750014
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.10027000647787584
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	7.008076799999997
Carbon footprint of the use phase [B2, B3, B4, B6]	7 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.7760500708147523
Carbon footprint of the end-of-life phase [C1 to C4]	0.8 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	24
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	C80aa611-4852-4a2c-b49a-fd0fbf96bfd7
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead, which is known to the S
Halogen-free status	Product contains halogen above thresholds
PVC free	No
End of life manual availability	No need of specific recycling operations
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised