



### Main

Device application	Distribution
Range	Easy9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	Easy9 RCBO
Poles description	1P + N
Neutral position	Left
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	Icn 4500 A at 230 V AC 50 Hz conforming to IEC 61009-1

### Complementary

Device location in system	Outgoer
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey RAL 7035
Mechanical durability	8000 cycles
Electrical durability	2000 cycles 230 AC 50 Hz
Connections - terminals	Tunnel type terminal top or bottom 1...25 mm <sup>2</sup> rigid Tunnel type terminal top or bottom 1...16 mm <sup>2</sup> flexible
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

### Environment

Standards	IEC 61009-1
Product certifications	EAC GOST
Tropicalisation	2
Relative humidity	95 %
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1328 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations