

## EZ9D16840

Easy9 RCD with overcurrent protection - 1P + Ns -  
40 A - B curve - 6000 A - 30mA



### Main

Device application	Distribution
Range	Easy9
Product or component type	Earth leakage circuit breaker
Device short name	Easy9 RCBO
Poles description	1P + Ns
Neutral position	Left
[In] rated current	40 A
Earthing system	TN
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Class A
Breaking capacity	Icn 6000 A at 230 V AC 50 Hz conforming to BS EN 61009-1

### Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
Magnetic tripping limit	3...5 x In
Residual current tripping technology	Voltage dependent with functional earth
Limitation class	3
[Ui] rated insulation voltage	500 V
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
9 mm pitches	2
Height	110 mm
Width	18 mm
Depth	72 mm
Product weight	180 g
Colour	Grey RAL 7035
Mechanical durability	10000 cycles
Electrical durability	4000 cycles 230 AC 50 Hz
Connections - terminals	Tunnel type terminal top 25 mm² rigid Tunnel type terminal bottom 16 mm² rigid Tunnel type terminal bottom 16 mm² flexible Cable top 2 cable(s) flexible
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Integrated

### Environment

standards	BS EN 61009-1
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product certifications	CE
overvoltage category	IV
tropicalisation	2
relative humidity	95 % ( 55 °C )
ambient air temperature for operation	-15...60 °C
ambient air temperature for storage	-40...85 °C

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1326 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available