

Miniature circuit breaker

Functions

Protection against:

- Short-circuits
- Cable overloads
- Disconnection of on-load electrical circuits already protected against overloads and short-circuits.



1P

Circuit breakers		
Rating (In)	Curve B	Curve C
3 A	EZ9F16103	-
6 A	EZ9F16106	EZ9F66106
10 A	EZ9F16110	EZ9F66110
16 A	EZ9F16116	EZ9F66116
20 A	EZ9F16120	EZ9F66120
25 A	EZ9F16125	-
32 A	EZ9F16132	EZ9F66132
40 A	EZ9F16140	EZ9F66140
50 A	EZ9F16150	EZ9F66150
Width in 9-mm modules	2	

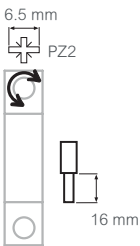
Certified compliant BS EN 60898-1

Additional feature

According to EN 60898-1		
Breaking capacity (Icn)		
Ph/N	230 V AC	6000 A
Additional characteristics		
Endurance (O-C)	Electrical	4,000 cycles
	Mechanical	10,000 cycles
Operating temperature	-5°C to +60°C	
Storage temperature	-40°C to +85°C	

Connection

Rigid copper cables		
3 to 25 A	1 to 25 mm ²	Tightening torque: 2 Nm
32 to 50 A	1 to 35 mm ²	Tightening torque: 3.5 Nm
Flexible copper cables		
3 to 25 A	1 to 16 mm ²	Tightening torque: 2 Nm
32 to 50 A	1 to 25 mm ²	Tightening torque: 3.5 Nm



RCBO residual current devices

Functions

- Protection from short-circuits.
- Protection of cable from overloads.
- Protection of persons from electric shocks by direct contact (30 mA sensitivity)
- Can be fitted instead of a miniature circuit breaker for complete protection of one circuit.

The Earth Reference Cable “FE”: enables RCD to protect users from electric shocks, even in case of supply neutral loss, neutral conductor breakage or supply voltage drop (FE= Functional Earth).



1P+N

Easy9+ RCBO type A  30 mA	
Rating (In)	B curve
6 A	EZ9D16806
10 A	EZ9D16810
16 A	EZ9D16816
20 A	EZ9D16820
25 A	EZ9D16825
32 A	EZ9D16832
40 A	EZ9D16840
50 A	EZ9D16850
Voltage rating (Ue)	230 V AC, 50 Hz
Width in 9-mm modules	2

Certified compliant BS EN 61009-1

Connection

Rigid copper cables		
L in	1 to 25 mm ²	Tightening torque: 2 Nm
L and N out	1 to 16 mm ²	Tightening torque: 2 Nm
Flexible copper cables		
L in	1 to 16 mm ²	Tightening torque: 2 Nm
L and N out	1 to 10 mm ²	Tightening torque: 2 Nm

