

Earth Leakage Circuit Breaker

ZS125GJ



65 kA

Current rating: 20 – 125 A

Approvals and tests: AS/NZS 60947-2, IEC 60947-2, Annex B, EN/IEC 60755

Operating voltage: 200 – 580 V 50/60 Hz

Interrupting capacity:

	Voltage	I _{cu}	I _{cs}
AC use	380/415	65	36
DC use	250 V	40	40

Trip unit:

Adjustable thermal (0.63 I_r to 100 % I_r) and fixed magnetic

Dimensions:

Poles	3	4
H	155	155
W	90	120
D (less toggle)		68
Toggle cut-out		104

Earth leakage characteristic:

Type "A" - suitable for AC and residual pulsating DC currents.

Earth leakage adjustments:

- 30 mA, 100 mA, 300 mA, 500 mA, 1 A, 3 A.
- NT ¹⁾, 0, 60, 200, 400, 700 mS
- 30 mA time setting non adjustable for instant trip

Neutral pole option: ZS ELCBs are available with switched or unswitched (or 'solid neutral') neutral poles. Many general distribution applications can use switched neutral types, whereas for UPS and some other uses, an unswitched neutral pole is required. Refer notes below for correct selection.

Ampere rating NRC	Adj. I _r ¹⁾ Min. - Max.	Fixed I _m ¹⁾ (Amps)	3 Pole Cat. No.	4P Switched N Cat. No.	4P Unswitched N Cat. No.
20	12 - 20	240	ZS125 GJ 3 20	ZS125 GJ 4 20	ZS125 GJ 4 20 SN
32	20 - 32	384	ZS125 GJ 3 32	ZS125 GJ 4 32	ZS125 GJ 4 32 SN
50	32 - 50	600	ZS125 GJ 3 50	ZS125 GJ 4 50	ZS125 GJ 4 50 SN
63	40 - 63	756	ZS125 GJ 3 63	ZS125 GJ 4 63	ZS125 GJ 4 63 SN
100	63 - 100	1200	ZS125 GJ 3 100	ZS125 GJ 4 100	ZS125 GJ 4 100 SN
125	80 - 125	1250	ZS125 GJ 3 125	ZS125 GJ 4 125	ZS125 GJ 4 125 SN

- Refer 4 - 24 and 4 - 25 for additional Technical data.
- ZS ELCBs use standard accessories, but will not accept the following:
 - Mechanical interlocks
 - Shunt and UVTs

Notes: ¹⁾ NRC: Nominal rated current.
 Adj. I_r: Adjustable thermal setting
 Fixed I_m: Fixed magnetic setting
 NT: No Trip

Cross reference table	Section
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Application and wiring data	5, 12
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OCR / Trip unit set-up	5
Motor starting	12
Selectivity & Cascade	12
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Base standards

IEC 60947-2
 AS/NZS 60947-2
 EN 60947-2
 JIS C 8201-2-1 Ann. 1
 CE Mark

Approvals

ASTA (UK,AUS)
Marine
 Lloyd's / UK
 ABS / USA
 GL / Germany
 BV / France
 NK / Japan
 DNV / Norway