



ZA - BRB938A, 939A, BRB966 F2 & 968

Datasheet

D.C. neutral track relay



Description

The relays covered by BRB938A are for use on railways signalling track circuits not electrified on the 50 Hz AC system.

The relays covered by BRB939A and BRB966 F2 are for use on railways signalling track circuits electrified on the 50 Hz AC system.

The relays covered by BRB968 are for use in circuits with Aster type 'U' jointless track circuit equipment where alternating current at industrial frequency may be present in the circuit.

Mors Smitt Relays

- Modular plug in design
- Non weld contacts
- Silver and carbon impregnated with silver contact tips
- Proven reliability
- Low life cycle cost

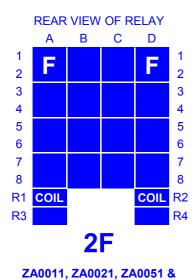


GEC Catalogue Number	Mors Smitt Catalogue Number	Reference	Rated Current/ Voltage	Contacts	Pin Code (Pins)	Network Rail Acceptance Number	Specification
ZA0011	TY150/GRP01	Т	500 mA D.C.	2F	101 (A, C, F, G, K)	PA05/04802	BRB938A
ZA0021	TY152/GRP01	Т	17 V D.C.	2F	111 (A, D, F, G, K)	PA05/04802	BRB968
ZA0051	TY153/GRP01	TA	400 mA D.C.	2F	105 (A, C, G, J & K)	PA05/04802	BRB939A
ZA0151	TY153/GRP02	TA	400 mA D.C.	2F	110 (A, D, E, J & K)	PA05/04802	BRB966 F2

Mors Smitt Catalogue Number	Coil Resistance	Operate	Full Operate	Release	Contact Rating	Contact Resistance	Weight
ZA0011	4 Ω	103 - 117 mA 370—515 mV	146 mA	0.68 x Operate (mA)	3 A	0.2 Ω	1.4 kg
ZA0021	250 Ω	68 mA and 18.7 V	1.25 x Operate mA	48 mA and 10.8 V	3 A	0.2 Ω	1.4 kg
ZA0051	20 Ω	81 mA - 92 mA	115 mA	0.68 x Operate (mA)	3 A	0.2 Ω	1.6 kg
ZA0151	9 Ω	120 mA - 140 mA	175 mA	0.68 x Operate (mA)	3 A	0.2 Ω	1.6 kg



Contact Arrangements.



ZA0151

F = Front contact, which is made when the relay is energised. This is a normally open contact.

B = Back contact, which is made when the relay is de-energised and the armature has completed its maximum travel. This is a normally closed contact.









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