

ZN - BRB961

Datasheet

Twin D.C. biased A.C. immune relay



Description

The twin relays covered by this data sheet are for use in line circuits where operation of the relay is required to be dependant on the polarity of the current in the coil. They are also suitable when alternating current at industrial frequency may be present in the circuit.

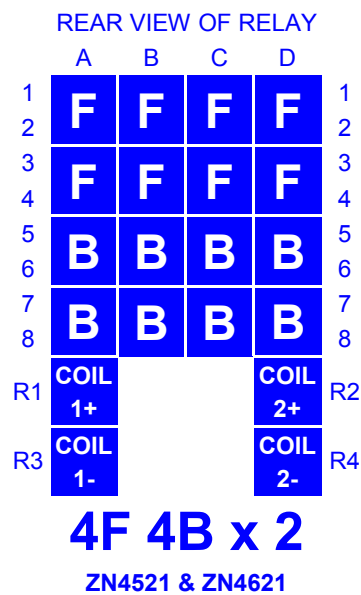
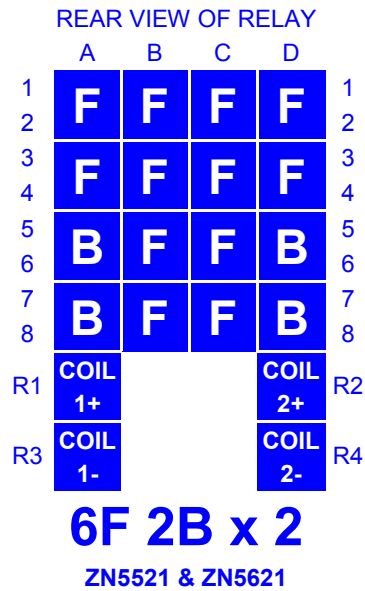
Mors Smitt Relays

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

Specification	Network Rail Acceptance Number	Pin Code (Pins)	Contacts	Rated Voltage	Reference	Mors Smitt Catalogue Number	GEC Catalogue Number
BRB961	PA05/04802	097 (A, C, E, F & K)	4F 4B x 2	24V D.C.	BBA	TY157/GRP05	ZN4521
BRB961	PA05/04802	017 (A, B, C, E & H)	4F 4B x 2	50V D.C.	BBA	TY157/GRP02	ZN4621
BRB961	PA05/04802	098 (A, C, E, G & K)	6F 2B x 2	24V D.C.	BBA	TY157/GRP04	ZN5521
BRB961	PA05/04802	049 (A, B, F, H & J)	6F 2B x 2	50V D.C.	BBA	TY157/GRP01	ZN5621

Weight	Contact Resistance	Contact Rating	Full Release	Release	Full Operate	Power Consumption	Coil Resistance	GEC Catalogue Number
1.3 kg	0.2 Ω	3 A	4.0 V	7.5 V	40.0 V	2.3 W	935 Ω	ZN4621 ZN5621
1.3 kg	0.2 Ω	3 A	2.0 V	3.6 V	19.2 V	2.5 W	235 Ω	ZN4521 ZN5521

Contact Arrangements.



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.



MS Relais SAS

Tour Rosny 2, Avenue du Général de Gaulle,
F - 93118 Rosny-sous-Bois Cedex, FRANCE
T +33 (0)1 4812 1440, F +33 (0)1 4855 9001
E sales@msrelais.com

Mors Smitt Asia Ltd.

807, Billion Trade Centre, 31 Hung To Road
Kwun Tong, Kowloon, HONG KONG SAR
T +852 2343 5555, F +852 2343 6555
E info@morssmitt.hk

Nieaf-Smitt B.V.

Vrieslantlaan 6, 3526 AA Utrecht,
NETHERLANDS
T +31 (0)30 288 1311, F +31 (0)30 289 8816
E sales@nieaf-smitt.nl

Mors Smitt Technologies Inc.

420 Sackett Point Road
North Haven, CT 06473, USA
T +1 (203) 287 8858, F +1 (888) 287 8852
E mstechnologies@msrelais.com

Mors Smitt UK Ltd.

Doulton Road, Cradley Heath
West Midlands, B64 5QB, UK
T +44 (0)1384 567 755, F +44 (0)1384 567 710
E info@morssmitt.co.uk