



# **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

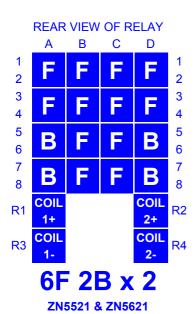


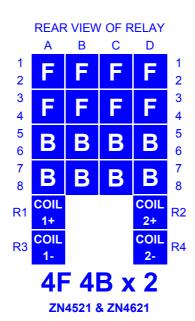
GEC Catalogue Number	Mors Smitt Catalogue Number	Reference	Rated Voltage	Contacts	Pin Code (Pins)	Network Rail Acceptance Number	Specification
ZN4521	TY157/GRP05	BBA	24V D.C.	4F 4B x 2	097 (A, C, E, F & K)	PA05/04802	BRB961
ZN4621	TY157/GRP02	BBA	50V D.C.	4F 4B x 2	017 (A, B, C, E & H)	PA05/04802	BRB961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

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



#### **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.









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