

TY133/GRP01, 02 & 06 - BRB940A - QEC1

Datasheet

D.C. Lamp proving relay



Description

The relays covered by this data sheet are designed as lamp proving relays where the lamp is energised by a battery or rectified AC supply.

Mors Smitt Relays

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

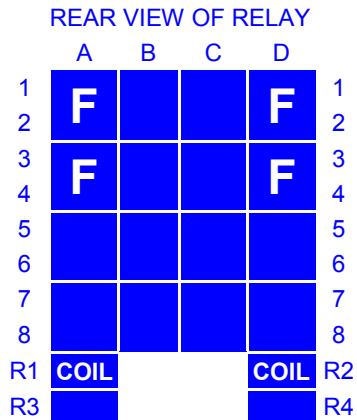
Specification	Network Rail Acceptance Number	Pin Code (Pins)	Contacts	Rated Current	Mors Smitt Reference (Westinghouse Reference)	Mors Smitt Catalogue Number
BRB940A	PA05/04802	081 (A, B, D, J, K)	4F	2.2 A D.C.	SEC1 (QEC1)	TY133/GRP01
BRB940A	PA05/04802	081 (A, B, D, J, K)	4F 2B	2.2 A D.C.	SEC1 (QEC1)	TY133/GRP02
(BRB940A) [†]	N/A	T014 (A, B, C, J & T)	2F 2B	4.55 A D.C.	SEC (N/A)	TY133/GRP06

NOTE:

[†] Specification in brackets where the relay is nominally to that specification but with specific characteristics modified to suit special applications.

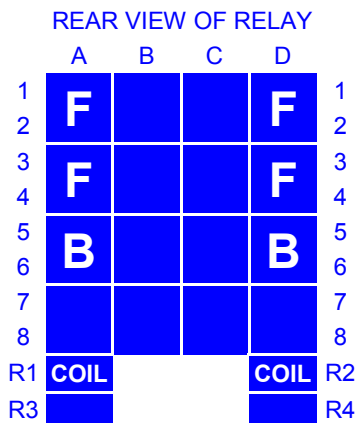
Weight	Contact Resistance	Contact Rating	Full Release	Release	Full Operate	Power Consumption	Coil Resistance	Mors Smitt Catalogue Number
1.4 kg	0.2 Ω	3 A	0.2 A	N/A	0.8 A	N/A	0.85 Ω	TY133/GRP01 TY133/GRP02
1.4 kg	0.2 Ω	3 A	2.0 A	N/A	3.4 A	N/A	0.05 Ω	TY133/GRP06

Contact Arrangements.



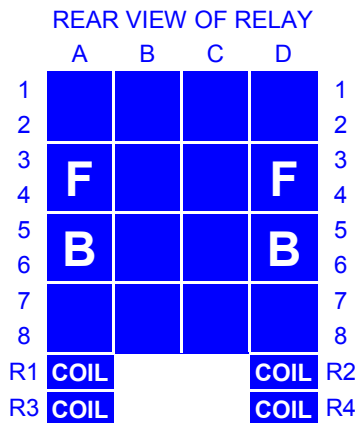
4F

TY133/GRP01



4F 2B

TY133/GRP02



2F 2B

TY133/GRP06

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.

Coil Connections

TY132/GRP06:

Both R1 and R3 connected to one end of the coil and both R2 and R4 connected to the other end of the coil. Plugboard connections should be made to both the relevant locations.



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