



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



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

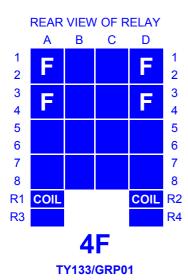
NOTE:

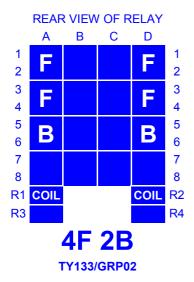
[†] Specification in brackets where the relay is nominally to that specification but with specific characteristics modified to suit special applications.

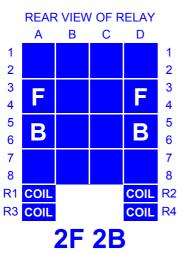
Mors Smitt Catalogue Number	Coil Resistance	Power Consumption	Full Operate	Release	Full Release	Contact Rating	Contact Resistance	Weight
TY133/GRP01 TY133/GRP02	0.85 Ω	N/A	0.8 A	N/A	0.2 A	3 A	0.2 Ω	1.4 kg
TY133/GRP06	0.05 Ω	N/A	3.4 A	N/A	2.0 A	3 A	0.2 Ω	1.4 kg



Contact Arrangements.







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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