

TY132/GRP01&06 & TY153/GRP08 - BRB942 - QUCX

Datasheet

A.C. Lamp proving relays



Description

The relays covered by this data sheet are designed as lamp proving relays where the relay is connected in series with the primary winding of the lamp transformer. TY153/GRP08 has the 50V D.C. stick coil (A7-D7) connected externally in series with a front contact.

Mors Smitt Relays

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

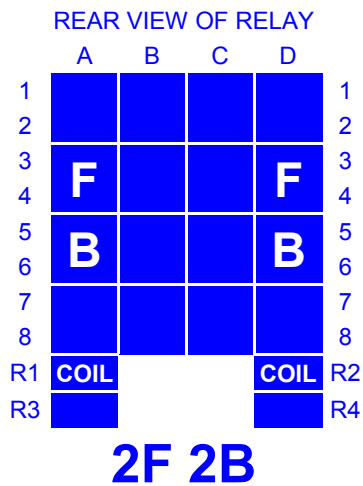
Mors Smitt Catalogue Number	Mors Smitt Reference (Westinghouse Reference)	Rated Current	Contacts	Pin Code (Pins)	Network Rail Acceptance Number	Specification
TY132/GRP01	SUCX (QUCX1)	1.4 A A.C.	2F 2B	070 (A, F, G, H & J)	PA05/04802	BRB942
TY132/GRP06	SUCX3 (QUCX3)	550 mA A.C.	2F 2B	(A, D, G, H & S)	N/A	(BRB942) [†]
TY153/GRP08	SUCX5 (QUCX5)	800 mA A.C. & 50 V D.C.	4F 2B	(B, C, F, G & S)	N/A	(BRB942) [†]

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 #1 Resistance	Coil #2 Resistance	Full Operate	Release	Full Release	Contact Rating	Contact Resistance	Weight
TY132/GRP01	0.35 Ω	N/A	780 mA	590 mA	520 mA	3 A	0.2 Ω	1.3 kg
TY132/GRP06	1.05 Ω	N/A	550 mA	350 mA	N/A	3 A	0.2 Ω	1.2 kg
TY153/GRP08	3.64 Ω	1370Ω	R1-R2 400 mA A7-D7 40 V	200 mA 7.5 V	N/A	3 A	0.2 Ω	1.6 kg

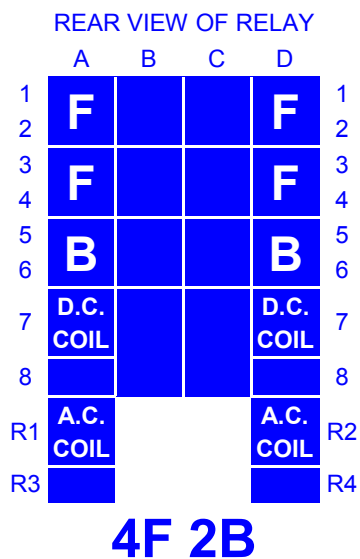
Contact Arrangements.



TY132/GRP01 & TY132/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.



TY153/GRP08



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