

TY082/GRP02-20 - BRB930 - QND2

Datasheet

Double wound D.C. neutral line relay



Description

The double wound relays covered by this data sheet are for general railway signalling purposes where operation from either of two separate supplies is required.

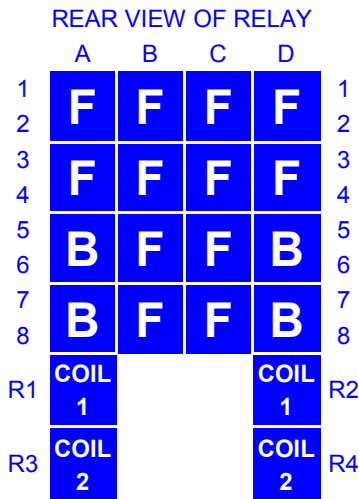
Mors Smitt Relays

- 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 Voltage	Contacts	Pin Code (Pins)	Network Rail Acceptance Number	Specification
TY082/GRP02	SND2 (QND2)	24 V D.C.	12F 4B	001 (A, B, C, D & E)	PA05/04802	BRB930
TY082/GRP04	SND2 (QND2)	24 V D.C.	8F 4B	001 (A, B, C, D & E)	PA05/04802	BRB930
TY082/GRP06	SND2 (QND2)	24 V D.C.	8F 8B	002 (A, B, C, D & F)	PA05/04802	BRB930
TY082/GRP08	SND2 (QND2)	24 V D.C.	6F 6B	002 (A, B, C, D & F)	PA05/04802	BRB930
TY082/GRP10	SND2 (QND2)	24 V D.C.	4F 4B	002 (A, B, C, D & F)	PA05/04802	BRB930
TY082/GRP12	SND2 (QND2)	50 V D.C.	12F 4B	003 (A, B, C, E & F)	PA05/04802	BRB930
TY082/GRP14	SND2 (QND2)	50 V D.C.	8F 4B	003 (A, B, C, E & F)	PA05/04802	BRB930
TY082/GRP16	SND2 (QND2)	50 V D.C.	8F 8B	004 (A, B, D, E & F)	PA05/04802	BRB930
TY082/GRP18	SND2 (QND2)	50 V D.C.	6F 6B	004 (A, B, D, E & F)	PA05/04802	BRB930
TY082/GRP20	SND2 (QND2)	50 V D.C.	4F 4B	004 (A, B, D, E & F)	PA05/04802	BRB930

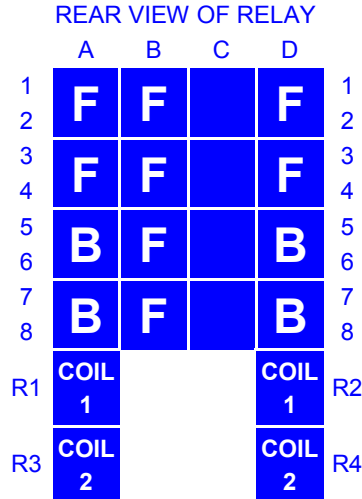
Mors Smitt Catalogue Number	Coil #1 Resistance	Coil #2 Resistance	Power Consumption	Full Operate	Release	Full Release	Contact Rating	Contact Resistance	Weight
TY082/GRP02 TY082/GRP04 TY082/GRP06 TY082/GRP08 TY082/GRP10	350 Ω	245 Ω	≤2.4 W	19.2 V	3.6 V	2.0 V	3 A	0.2 Ω	1.4 kg
TY082/GRP12 TY082/GRP14 TY082/GRP16 TY082/GRP18 TY082/GRP20	1400 Ω	1050 Ω	≤2.4 W	40.0 V	7.5 V	4.0 V	3 A	0.2 Ω	

Contact Arrangements.



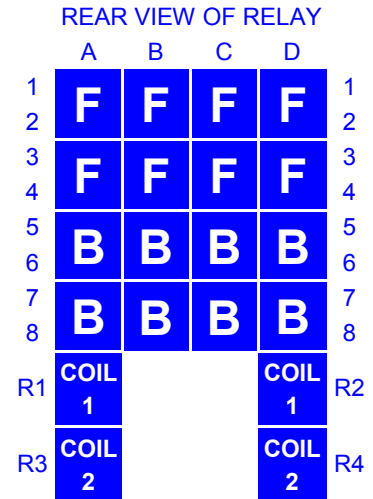
12F 4B

TY082/GRP02 & TY082/GRP12



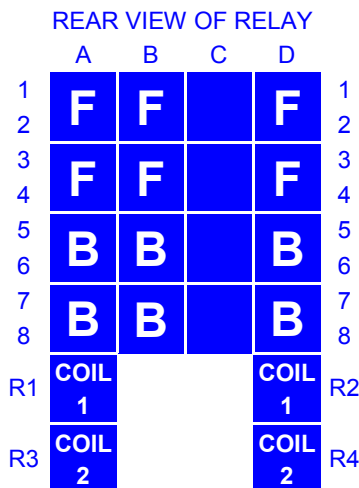
8F 4B

TY082/GRP04 & TY082/GRP14



8F 8B

TY082/GRP06 & TY082/GRP16

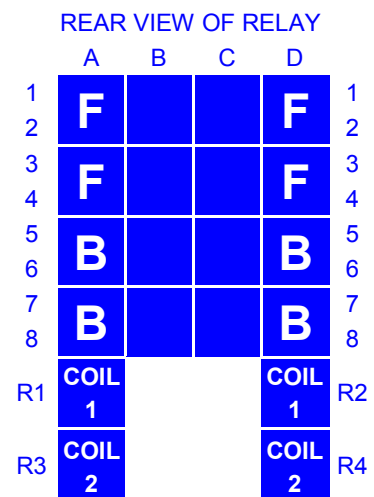


6F 6B

TY082/GRP08 & TY082/GRP18

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.



4F 4B

TY082/GRP10 & TY082/GRP20



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