

TY086/GRP01-02 - BRB934A - QSRA1

Datasheet

A.C. Immune D.C. Slow release neutral line relay



Description

The relays covered by this data sheet are for use where a slow release, neutral line relay is required.

TY086/GRP01 and GRP02 relays are suitable for use where 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

Mors Smitt Catalogue Number	Mors Smitt Reference (Westinghouse Reference)	Rated Voltage	Contacts	Pin Code (Pins)	Network Rail Acceptance Number	Specification
TY086/GRP01	SSRA1 (QSRA1)	24 V D.C.	8F 4B	061 (A, D, E, F & J)	PA05/04802	BRB934A
TY086/GRP02	SSRA1 (QSRA1)	50 V D.C.	8F 4B	063 (A, D, E, H & J)	PA05/04802	BRB934A
TY086/GRP04	SSRA (N/A)	24 V D.C.	8F 8B	T015 (A, B, H, J, T)	N/A	(BRB933A) [†]
TY086/GRP05	SSRA (N/A)	48 V D.C.	8F 8B	T016 (A, G, H, J, T)	N/A	(BRB933A) [†]

NOTE:

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

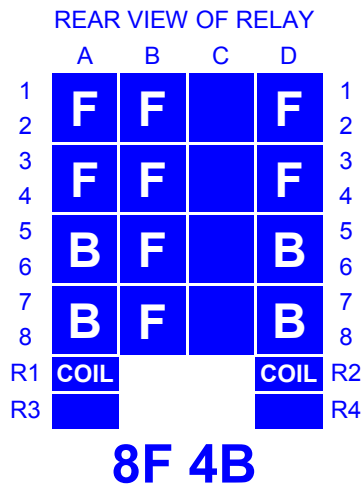
TY086/GRP04 and TY086/GRP05 are not A.C. Immune.

Mors Smitt Catalogue Number	Coil Resistance	Power Consumption	Full Operate	Release	Full Release	Coil Interruption	Operate & Release delay	Contact Rating	Contact Resistance	Weight
TY086/GRP01	250 Ω	2.3 W	19.2 V	3.6 V	2.0 V	250 ms ¹	N/A	3 A	0.2 Ω	1.5 kg
TY086/GRP02	1000 Ω	2.5 W	40 V	7.5 V	4.0 V	250 ms ¹	N/A	3 A	0.2 Ω	1.5 kg
TY086/GRP04	500 Ω	1.2 W	19.2 V	4.0 V	2.0 V	N/A	300 -500 ms ²	3 A	0.2 Ω	1.6 kg
TY086/GRP05	2000 Ω	1.2 W	38.4 V	7.2 V	4.0 V	N/A	300 -500 ms ²	3 A	0.2 Ω	1.6 kg

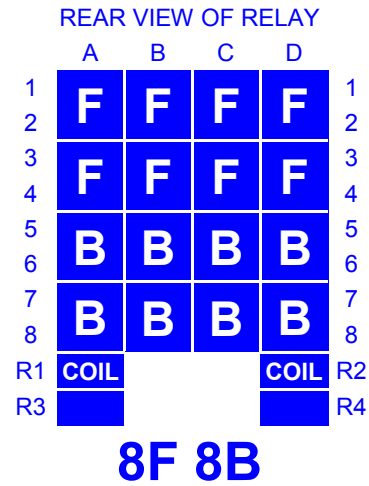
¹ @ 80 % of Rated Voltage 10 cycles at 1s intervals.

² @ Rated Voltage

Contact Arrangements.



TY086/GRP01 & TY086/GRP02



TY086/GRP04 & TY086/GRP05

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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