



TY159/GRP01-04 - BRB963 - QNNS1

Datasheet

Twin D.C. Slow acting neutral line relay



Description

Twin relays covered by this data sheet are for applications where a slow to operate and/or slow to release characteristic 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

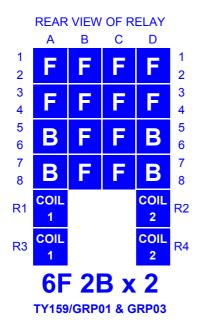


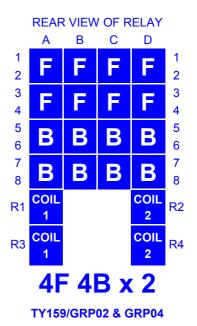
Mors Smitt Catalogue Number	Mors Smitt Reference (Westinghouse Reference)	Rated Voltage	Contacts	Pin Code (Pins)	Network Rail Acceptance Number	Specification
TY159/GRP01	SNNS1 (QNNS1)	24 V D.C.	6F 2B x 2	214 (C, D, E, H & K)	PA05/04802	BR963
TY159/GRP02	SNNS1 (QNNS1)	24 V D.C.	4F 4B x 2	213 (C, D, E, G & K)	PA05/04802	BR963
TY159/GRP03	SNNS1 (QNNS1)	50 V D.C.	6F 2B x 2	216 (C, D, F, G & K)	PA05/04802	BR963
TY159/GRP04	SNNS1 (QNNS1)	50 V D.C.	4F 4B x 2	215 (C, D, E, J & K)	PA05/04802	BR963

Mors Smitt Catalogue Number	Coil Resistance	Power Consumption	Full Operate	Release	Full Release	Operate Delay	Coil Interrupt Minimum	Contact Rating	Contact Resistance	Weight
TY159/GRP01 TY159/GRP02	300 Ω	2.0 W	19.2 V	3.6 V	2.0 V	150-250 ms	150 ms @ 19.2 V	3 A	0.2 Ω	1.7 kg
TY159/GRP03 TY159/GRP04	1200 Ω	2.1 W	40.0 V	7.5 V	4.0 V	150-250 ms	150 ms @ 40 V	3 A	0.2 Ω	1.7 kg



Contact Arrangements.





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.









MS Relais SAS

Tour Rosny 2, Avenue du Général de Gaulle,

F - 93118 Rosny-sous-Bois Cedex, FRANCE

T +33 (0)1 4812 1440, F +33 (0)1 4855 9001

E sales@msrelais.com

Mors Smitt Asia Ltd.

807, Billion Trade Centre, 31 Hung To Road

Kwun Tong, Kowloon, HONG KONG SAR

T +852 2343 5555, F +852 2343 6555

E info@morssmitt.hk

Nieaf-Smitt B.V.

Vrieslantlaan 6, 3526 AA Utrecht,

NETHERLANDS

T +31 (0)30 288 1311, F +31 (0)30 289 8816

E sales@nieaf-smitt.nl

Mors Smitt Technologies Inc.

420 Sackett Point Road

North Haven, CT 06473, USA

 $T+1\ (203)\ 287\ 8858,\ F+1\ (888)\ 287\ 8852$

E mstechnologies@msrelais.com

Mors Smitt UK Ltd.

Doulton Road, Cradley Heath

West Midlands, B64 5QB, UK

T +44 (0)1384 567 755, F +44 (0)1384 567 710

E info@morssmitt.co.uk



www.morssmitt.com

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