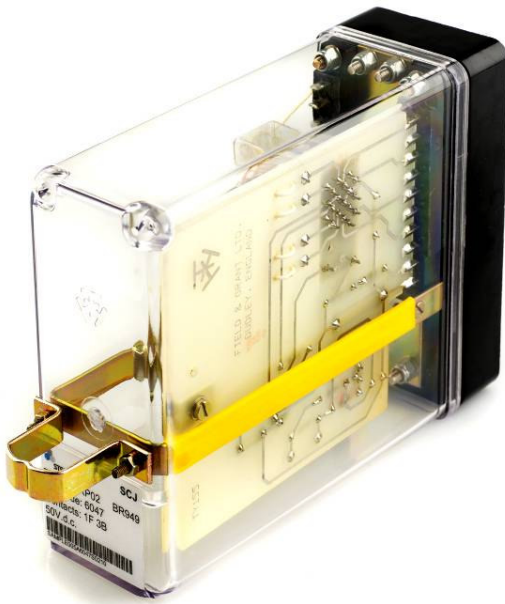


# TY155/GRP01-02 - BRB949 - QCJ1

## Datasheet

### D.C. Operated non-safety time delay relay



#### Description

The relay units covered by this data sheet are used in a point control circuit to disconnect the contactor coil, if the latter is not otherwise de-energised, within a predetermined time. The time delay provided is sufficient to allow the point machine to complete its normal operation. This is classified as a non-safety relay.

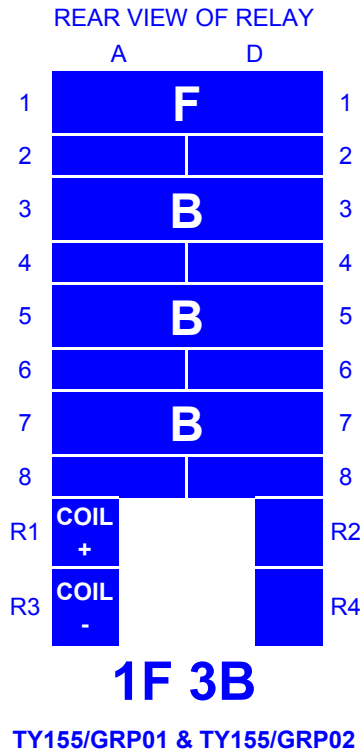
#### Mors Smitt Relays

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

Specification	Network Rail Acceptance Number	Pin Code (Pins)	Contacts	Rated Voltage	Mors Smitt Reference (Westinghouse Reference)	Mors Smitt Catalogue Number
BRB949	PA05/04802	6046 (A, B, D, F, G, H)	1F 3B	24 V D.C.	SCJ1 (QCJ1)	TY155/GRP01
BRB949	PA05/04802	6047 (A, B, D, F, G, J)	1F 3B	50 V D.C.	SCJ1 (QCJ1)	TY155/GRP02

Weight	Contact Resistance	Release Delay	Contact Rating	Full Operate	Power Consumption	Coil Resistance	Mors Smitt Catalogue Number
0.5 kg	0.05Ω	6 - 9 Seconds @ 19.2V, 24V & 28.8V	300mA	19.2V	1.1 W	530 Ω	TY155/GRP01
0.5 kg	0.05Ω	6 - 9 Seconds @ 40.0V, 50.0V & 60.0V	300mA	40.0V	1.5 W	1700 Ω	TY155/GRP02

## 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.



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[www.morssmitt.com](http://www.morssmitt.com)



**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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:info@morssmitt.co.uk)