

/// BR930 Series - Electromechanical Signalling Relay

TY178/GRP01

8F8B 24V

DC Neutral Line Relay with Medium Duty back Contacts to BR966 F3.



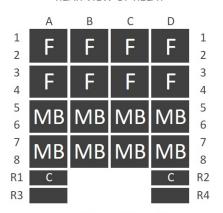
Features

The TY178/GRP01 is an 8F 8B Neutral Line Relay for general railway trackside signalling applications where greater current carrying capacity over the back contacts is required, but special characteristics such as AC immunity, slow release etc. are not req

Of compact modular plug-in design it has non-weld front contacts and weld-resistant back contacts and is equipped with a safety interlocking system (pin code) for insertion into mating plugboards.

Contact arrangement

REAR VIEW OF RELAY



8F 8MB CONTACTS

General characteristics

PADS Reference	0085/000620
Pin code	1057 DEFGL
Contact arrangement	8F 8MB
Coil configuration	Single wound single coil
Resistance of winding(s)	300Ω
Rating	24V DC
Weight	1.3 kg
Plugboard	TY081-001 PADS Ref 0085/002081 See plugboard datasheet for more information

Electrical characteristics

Operate value	Not specified in BR966 F3
Full operate value	19.2V
Release value	3.6V
Full release value	2.0V
Operate time	Not specified in BR966 F3
Release time	Not specified in BR966 F3
Interrupt time	Not specified in BR966 F3
Signalling contact pressure	28 g (1 oz) min

Specific characteristics

AC Immunity Coil RMS voltage at 50 Hz frequency that can be applied without generating the closing of any of the front (N/O - Normally Open) contacts	This relay is not AC immune
DC Biasing Maximum supply which can be applied connected in reverse polarity and shall not result in the breaking of any back contact of the relay	This relay is not DC biased

Product acceptance certification

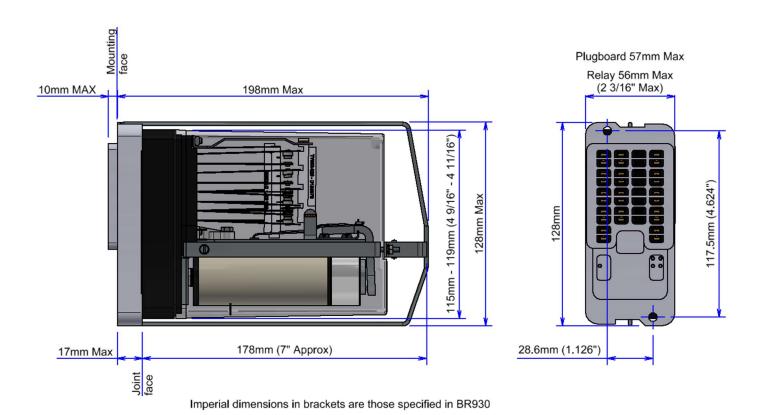
Network Rail UK: PA05/04802



Outline drawing

DC Neutral Line Relay with Medium Duty back Contacts to BR966 F3

TY178/GRP01



Note

Over 10 million Mors Smitt relays in use in rail transport applications worldwide!

Dimensions illustration shows generic BR930 relay.

Mors Smitt Asia Ltd. 26/F., Casey Aberdeen House 38 Heung Yip Road, Wong Chuk Hang Hong Kong Tel: +852 2343 555 sales.msa@wabtec.com

Wabtec Netherlands B.V. Darwinstraat 10, 6718 XR Ede, Netherlands Tel: +31 (0)88 600 4500 sales.msbv@wabtec.com Mors Smitt France SAS 2 Rue de la Mandinière 72300 Sablé-sur-Sarthe, France Tel: +33 (0) 243 92 82 00 sales.msf@wabtec.com

Mors Smitt Technologies Ltd. 1010 Johnson Drive, Buffalo Grove, IL 60089-6918, USA mst_salessupport@wabtec.com. Mors Smitt UK Graycar Business Park, Burton on Trent, DE13 8EN, UK Tel: +44 (0)1283 357 263 sales.msuk@wabtec.com

RMS Mors Smitt 19 Southern Court, Keysborough, VIC 3173, Australia Tel: +61 (0)3 8544 1200 sales.rms@wabtec.com

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