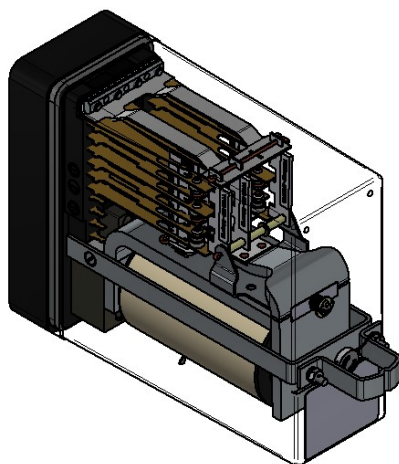


/// BR930 Series - Electromechanical Signalling Relay

TY266/GRP01

QT2R 6F3B 12V

DC Neutral Reed Follower Relay to ZS2411.



Features

The TY266/GRP01 is a 6F 6B DC Neutral Reed Follower designed for use in the reed receiver amplifier circuit on RR 2002 and RR 2003 units. It is a direct replacement for GEC's ZS2411. Of compact modular plug-in design it has non-weld contacts and is equipped with a safety interlocking system (pin code) for insertion into mating plugboards.

Contact arrangement

REAR VIEW OF RELAY

	A	B	C	D	
1	F	F		F	1
2					2
3	F	F		F	3
4					4
5	B	B		B	5
6					6
7					7
8					8
R1	C			C	R2
R3					R4

6F 3B CONTACTS

General characteristics

PADS Reference	0085/001970
Pin code	133 BCDFH
Contact arrangement	6F 3B
Coil configuration	Single wound single coil
Resistance of winding(s)	440Ω
Rating	12V DC
Weight	1.5 kg
Plugboard	TY081-001 PADS Ref 0085/002081 See plugboard datasheet for more information

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

Electrical characteristics

Operate value	Not specified
Full operate value	8.8V
Release value	5.7V
Full release value	Not specified
Operate time	Not specified
Release time	Not specified
Interrupt time	Not specified
Signalling contact pressure	28 g (1 oz) min

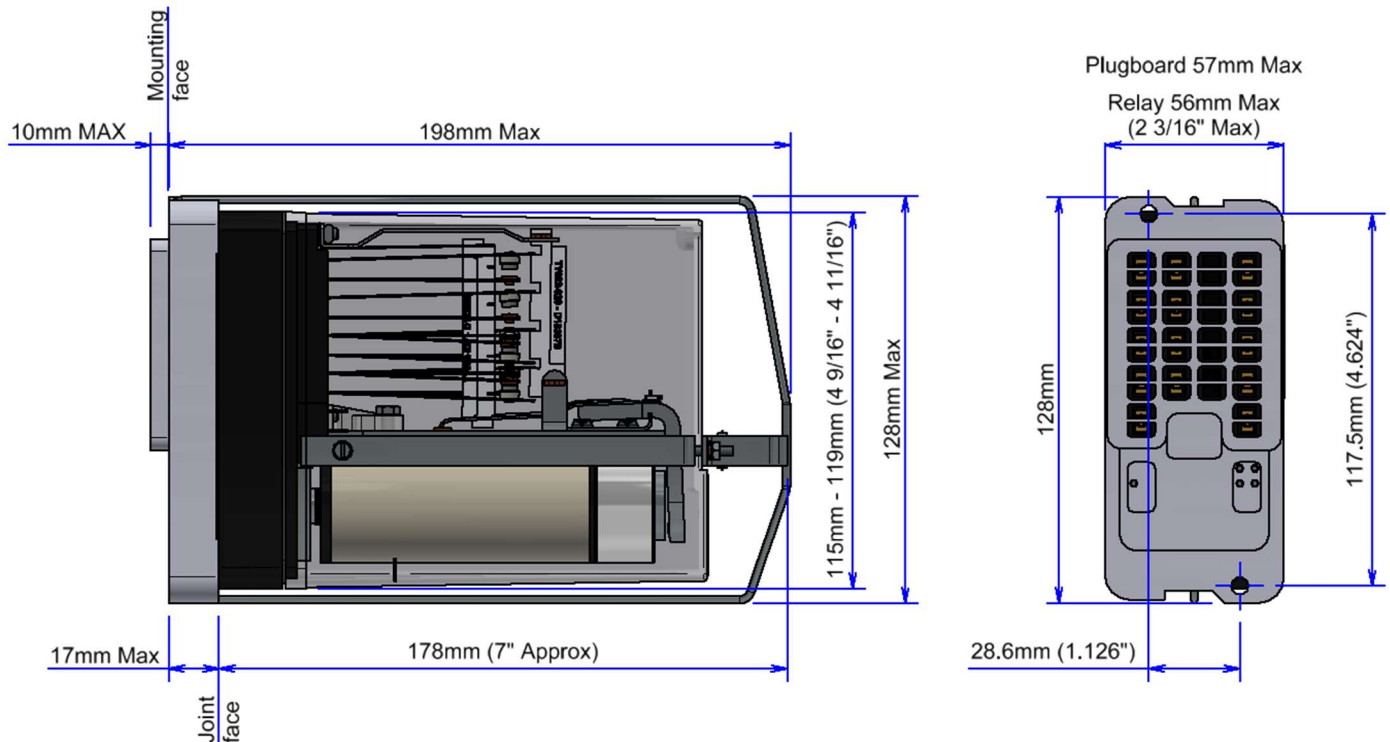
Product acceptance certification

Network Rail UK: PA05/04802

Outline drawing

DC Neutral Reed Follower Relay to ZS2411

TY266/GRP01



Imperial dimensions in brackets are those specified in BR930
 Dimensions illustration shows generic BR930 relay.

Note

BR930 relays are optimised to switch traditional signalling circuits consisting of the coils of other relays and incandescent lamps. Their contacts are non-weld, not weld-no-transfer. Signalling schemes using these relays must be designed to operate safely within these constraints. Furthermore, it is the operators' responsibility to ensure compliance with the requirements of clauses 1.2, 5.2, 8.1, 8.2 and 12.1 of BR930.

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

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