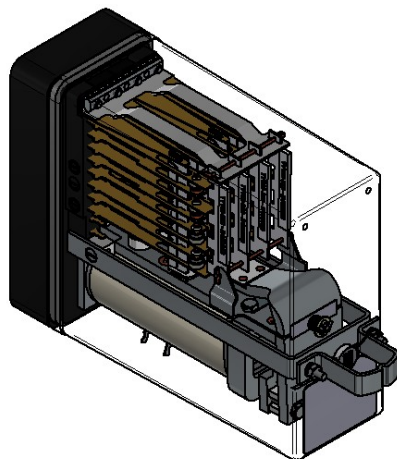


/// BR930 Series - Electromechanical Signalling Relay

TY087/GRP04

QL1 8F6B 50V

DC Magnetically Latched Neutral Line Relay to BR935A.



Features

The TY087/GRP04 is an 8F 6B DC magnetically latched relay with separate release winding. Of compact modular plug-in design it has non-weld contacts and is equipped with a safety interlocking system (pincode) for insertion into mating plugboards.

Contact arrangement

REAR VIEW OF RELAY

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

8F 6B CONTACTS

General characteristics

PADS Reference	0085/001015
Pin code	008 ABCFG
Contact arrangement	8F 6B
Coil configuration	Double wound single coil
Resistance of winding(s)	950Ω
Rating	50V DC
Weight	1.3 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 in BR935A
Full operate value	40.0V
Release value	20.0V
Full release value	40.0V
Operate time	Not specified in BR935A
Release time	Not specified in BR935A
Interrupt time	Not specified in BR935A
Signalling contact pressure	28 g (1 oz) min

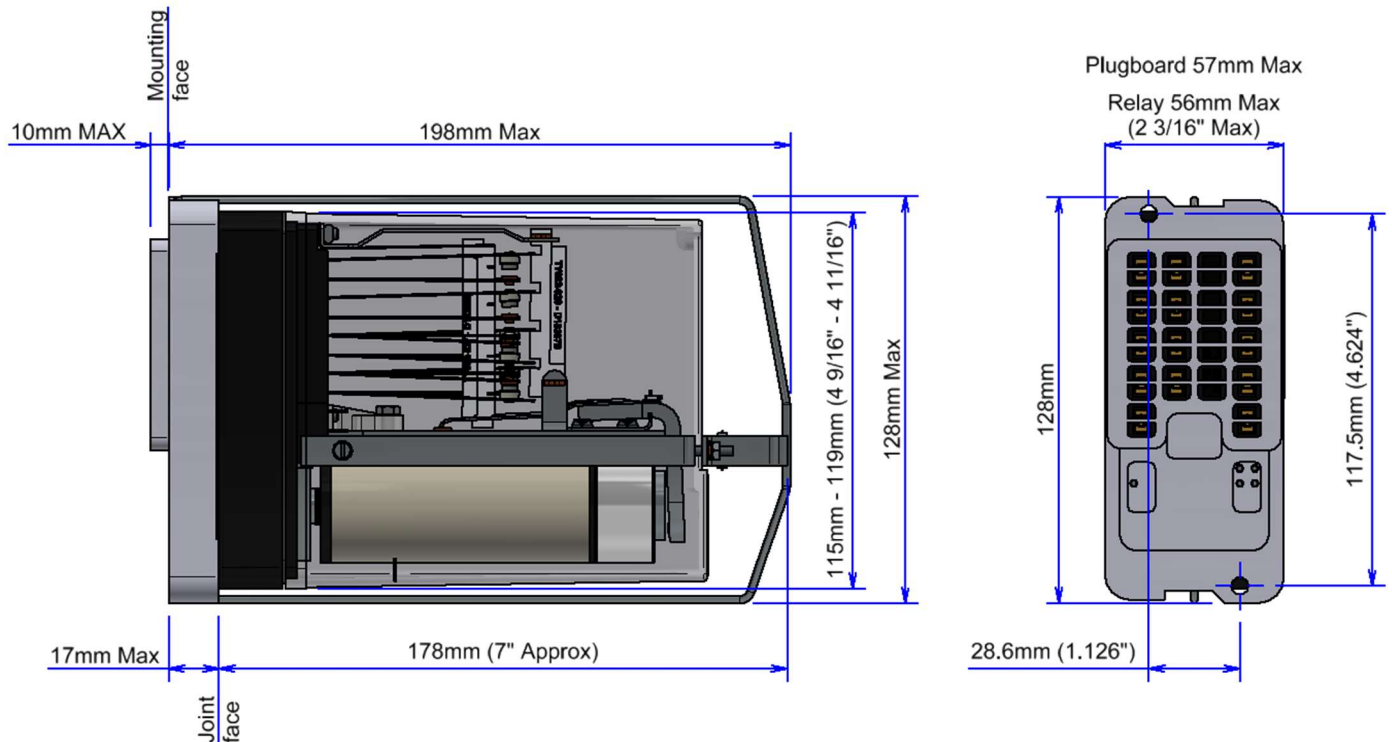
Product acceptance certification

Network Rail UK: PA05/04802

Outline drawing

DC Magnetically Latched Neutral Line Relay to BR935A

TY087/GRP04



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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