



Relay Solutions  
BRS 930 SERIES

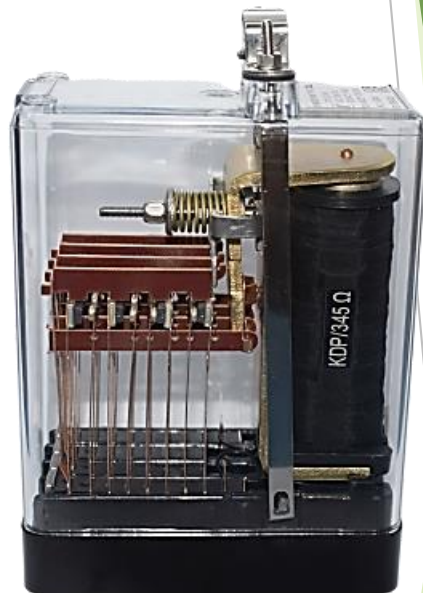
Datasheet

## QN1Relay

A DC neutral, Non AC Immunised, Tractive armature, Line Relay

### General Data

Contact Arrangement:	Various Refer overleaf
Nominal Rated Voltage:	24V DC
Typical Operate Time:	150ms
Typical Release Time:	20ms
Approximate Weight:	1.52Kg



### Application

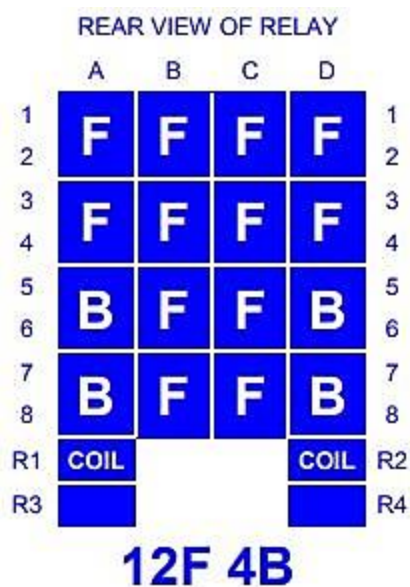
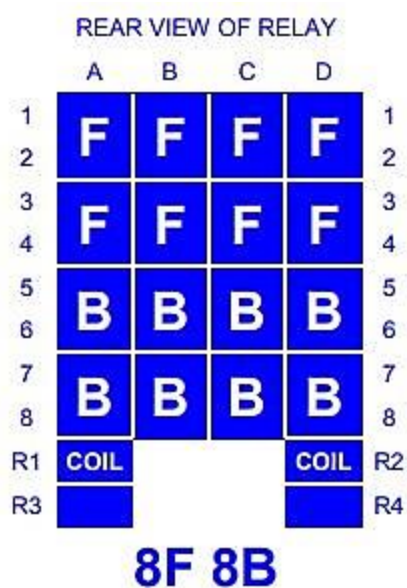
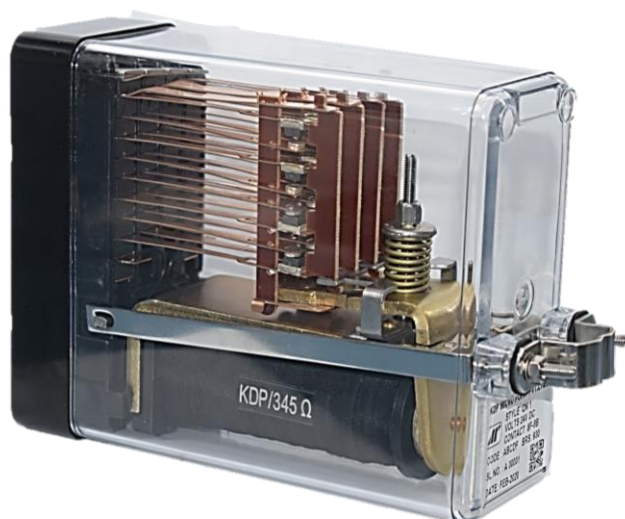
This is used for all control and detection Circuit except in external circuits of AC RE Area.

### Description

The relays covered by this data sheet are for general railway signaling purposes.

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

## Contact layout rear view



## Contact Details

**F = Front contact**, which is made when the relay is energised. This is a normally open contact.

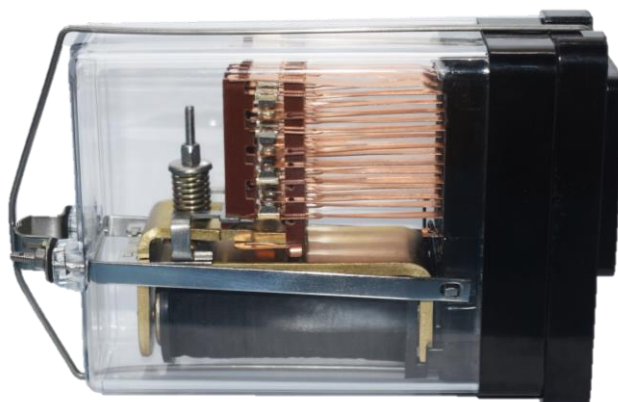
**B = Back contact**, which is made when the relay is de-energised and the armature has completed its maximum travel. This is a normally closed contact.

## Technical Data

CONTACT ARRANGEMENT	RATED VOLTAGE (V DC)	PIN CODE	COIL RES (OHMS)	MAX FULL OP. (V DC)	MIN REL (V DC)	REMARKS
12F 4B	24	001 ABCDE	345 ±10%	19.2	3.6	BRS SPEC 930
8F 8B	24	002 ABCDF	345 ±10%	19.2	3.6	BRS SPEC 930



Un-drilled plugboard



Representation of Relay,  
Plugboard and Retaining clip

## Disclaimer

*The information within this document contains general description of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contact.*



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