

SIEMENS

Relay Solutions

BR 930 SERIES



Siemens.com/mobility

QIN1 Relay

A dc tractive armature relay

General data

Contact Arrangement:	8F 4B
Nominal Rated Voltage:	12 V dc
Contact Arrangement:	8F 4B
Approximate Weight:	1.1 kg

Note: Refer to the following data sheets:

- 7-1-1 for general information and contact ratings.
- 7-2-1 for dimensions.
- 8.2 for tools.
- 8.3 for plugboard and connector details.

Refer overleaf for specific data.



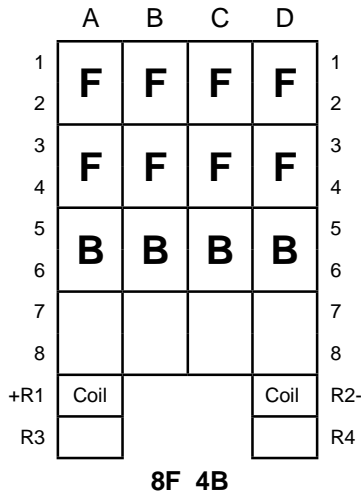
Typical Single Coil Relay

Description

Designed specifically for use in mining circuits. This relay is intrinsically safe, certified to I.S. 1878 and Class 1 BS 1259-58.

The relay is fitted with silver to silver contacts.

Contact layout viewed from rear



Packaging

Q-Relays are packed in a carton holding ten relays; the same container is used for quantities of four to nine relays. Quantities less than four are packed individually in cardboard boxes, as are all train-carried relays. Each container has a bar-coded label affixed to the outside, stating details of the packaged relay(s) and the quantity therein.

EMC Compliance

Q-Relays comply with the relevant emission requirements of EN 55014. It is considered that these relays have inherent immunity to in-service electromagnetic disturbance.

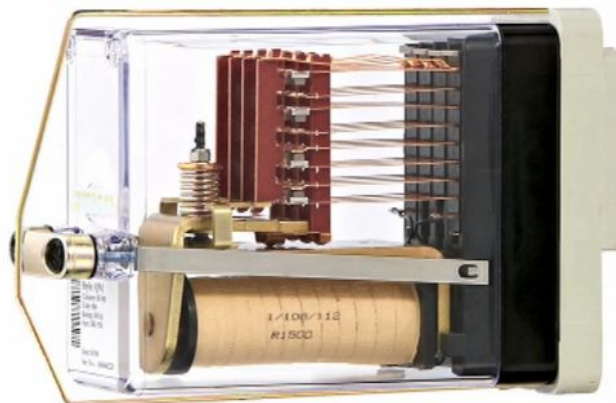
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED VOLTAGE (V dc)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (V dc)	MIN REL (V dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18501/35	8F 4B	12	XBDEF	200	92	8	1.5	J4138/259	26	SPECIAL FOR MINING



Un-drilled plugboard
Part No. E7218/1



Representation of Relay,
Plugboard and Retaining clip
(Clip Part No. J4136/1)