



Siemens.com/mobility

QNM1 Relay

A dc neutral, tractive armature relay

General data

Contact Arrangement: 8F 8B, 6F 6B, 4F 4B
 Nominal Rated Voltage: 12V and 24V dc
 Approximate Weight: 1.14 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.

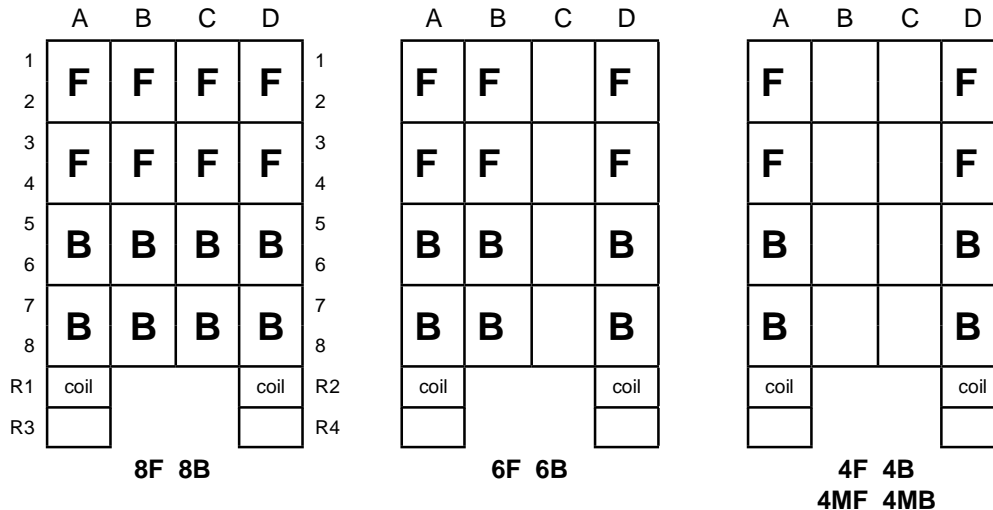


Typical Single Coil Relay

Description

It is designed to meet the Siemens Industry Inc. requirements for non-vital relays.
 The relay is fitted with silver to silver contacts.

Contact layout viewed from rear



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
B18565/1	8F 8B	24	ABCGS	350	114	17.5	3.6	J4138/370	34	----
B18565/2	6F 6B	24	ABCHS	350	114	17.5	3.6	J4138/371	26	----
B18565/3	4F 4B	24	ABCJS	350	113	17.5	3.6	J4138/372	18	----
B18565/4	4MF 4MB	12	ABEGS	110	197	9.6	1.8	J4138/479	18	M25379

Notes: B18565/1-/3 inclusive have Silver to Silver contacts.
B18565/4 has Elkonite to Elkonite contacts.

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