



Siemens.com/mobility

## QNCM1 Relay

A dc neutral line contactor relay

### General data

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.

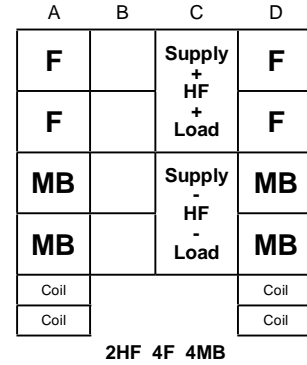
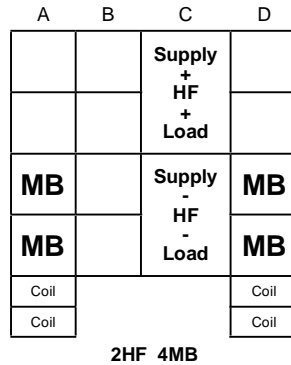
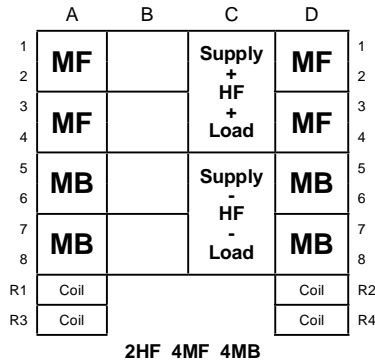


### Description

The two heavy duty front contacts are complete with arc quench magnets and are rated at 15A at 110V dc. The remainder of the contacts are metal to metal (silver cadmium oxide) rated at 6A.

These contacts are weld resistant but not non-weldable. The relay construction does not guarantee that if a back contact welds, no front contact can make. The specified characteristics apply with a Coil temperature at 20°C

## 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 electro-magnetic disturbance.

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

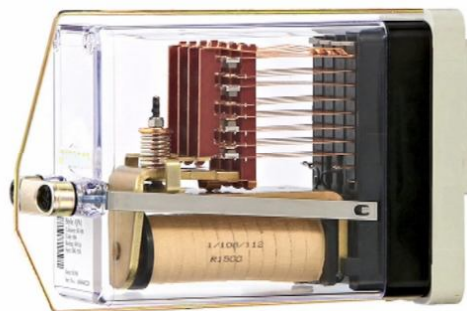
## Technical data

SIEMENS PART No. (PAD No.)	CONTACT ARRANGEMENT	RATED VOLTAGE (V dc)	PIN CODE	COIL RES (OHMS)	MAX FULL OP. (V dc)	MIN REL (V dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18550/7	2HF 4MF 4MB	12	ABDFS	110	9.6	1.8	J4138/469	26	M25383 Equivalent
B18550/5	2HF 4MB	12	BCFHS	110	9.6	1.8	J4138/467	18	M25384 Equivalent
B18550/8	2HF 4F 4MB	12	ABDFS	110	9.6	1.8	J4138/470	26	----



Un-drilled plugboard  
Part No. E7218/1

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



Siemens Ltd  
Infrastructure & Cities Sector  
Mobility and Logistics Division  
Rail Automation  
PO Box 79  
Pew Hill  
Chippenham  
Wiltshire SN15 1JD  
UK  
[www.siemens.com/rail-automation](http://www.siemens.com/rail-automation)

Printed in the United Kingdom

Data Sheet 7-2-115

X342/55/000137 Revision 03

# SIEMENS

The information within this document contains general descriptions 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 contract.