

Siemens.com/mobility

QNCD1 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.



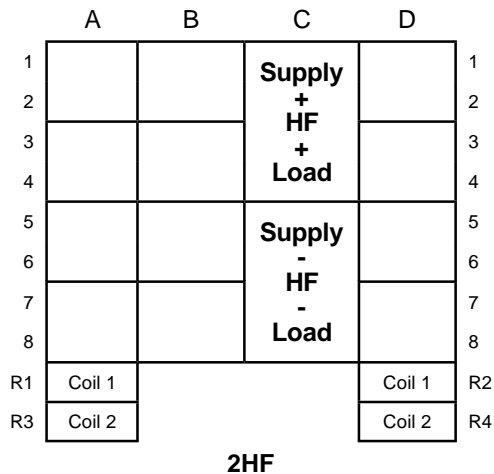
Typical Q Style Relay

Description

A dc neutral line contactor relay fitted with two independent windings either of which will operate the relay. One winding is connected to terminate R1 and R2 the other to R3 and R4. The windings will assist each other when positive is connected to R1 and R3.

If the two windings are connected in series the relay will operate on the same voltage but will have twice the resistance. The two heavy duty front contacts are complete with arc quench magnets and are rated up to 15A at 110v dc. 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.

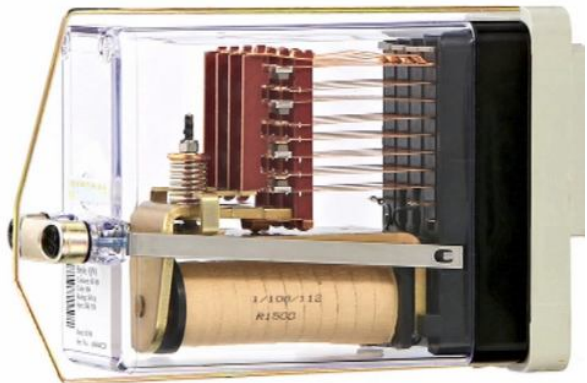
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

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	RECD No. OF CONNECTORS J4137/3	REMARKS
B18550/6	2HF	120	ABDHS	6000	68	18	J4138/468	8	M25143 Equivalent



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

Printed in the United Kingdom

Data Sheet 7-2-114

X342/55/000136 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.