



Siemens.com/mobility

QNHXC1 Relay

An ac contactor

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.



representational image only
Typical Q style relay

Description

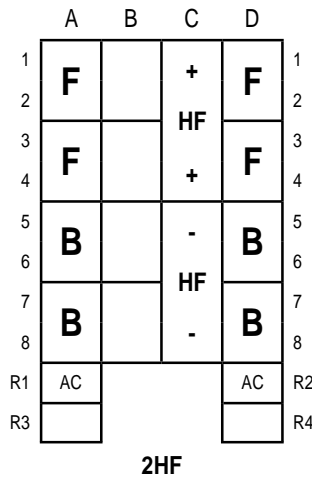
Designed to comply with BR specification 966, Appendix F7 except for the contacts which are 2HF 4F 4B. The 2HF contacts are identical to those fitted to the QBCA1 contactor relay.

The ac relay QNHXC1 B18583/1 variant is equal to Australian relay M30861, which was originally designed to interface with Australian SSI systems.

The ac relay QNHXC1 B18583/2 is identical to B18583/1, apart from having Pin Code 102, to enable it to be used on the Network Rail Infrastructure.

When energised at 110V rms, the operate time is not less than 50 ms. When energised at 90V rms and the supply is interrupted for 200 ms, no front contact will open. The specified characteristics apply with a coil temperature of 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.

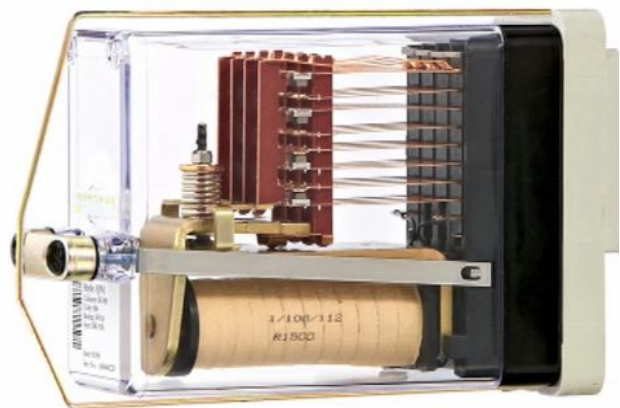
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED VOLTAGE (V ac)	PIN CODE	COIL RES (OHMS)	MAX FULL OP. (V ac)	MIN REL (V ac)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18583/1	2HF 4F 4B	110	ADGKS	10000	90	30	J4138/475	26	M30861 Equivalent
B18583/2	2HF 4F 4B	110	102 ACFHK	1000	90	30	J4138/458	26	PA05/04255



Un-drilled plugboard
Part No. E7218/1



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