



Siemens.com/mobility

QNNX1 RELAY

A twin, ac operated, tractive armature relay

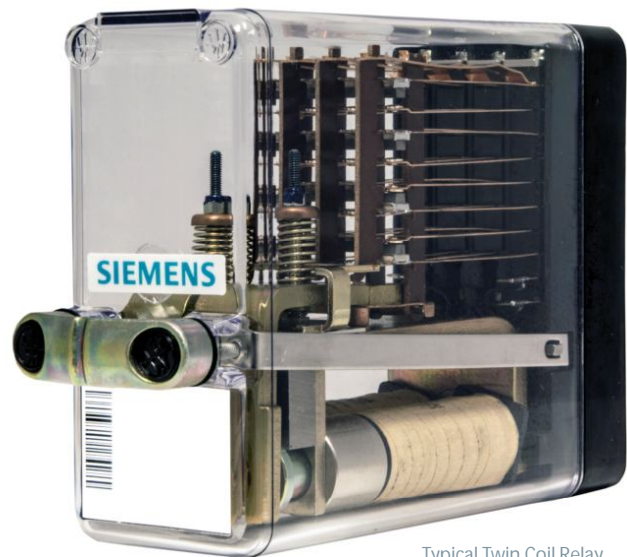
General data

Contact Arrangement:	2 x 4F 2B
Nominal Rated Voltage:	12 V ac, 50Hz, and 100 V ac, 33 1/3 Hz
Approximate Weight:	1.4 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.

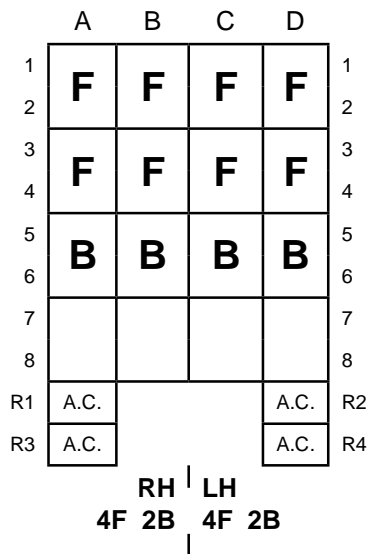


Typical Twin Coil Relay

Description

This unit comprises two electrically independent dc relays, each with its own bridge rectifier unit incorporated, mounted side-by-side on a single base.

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.

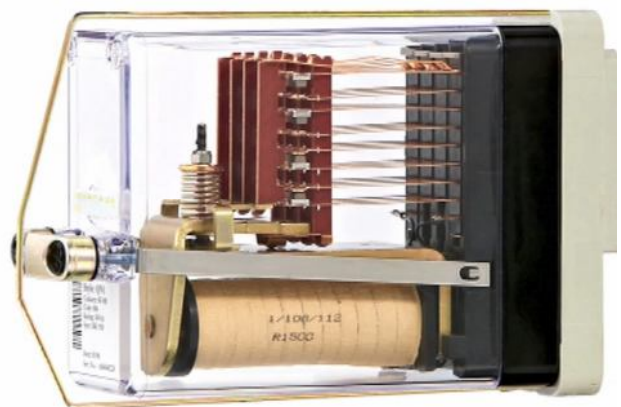
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED VOLTAGE (V ac)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (V dc)	MIN REL (V dc)	PLUGBOARD (SEE NOTE)	REOD No. OF CONNECTORS J4137/3	REMARKS
B18567/1	4F 2B LH & RH	12	SACEJ	160	172	9.6 (50 Hz)	3.0 (50 Hz)	J4138/384	28	----
B18567/2	4F2B LH & RH	100	SBCEH	7300	184	65 (33 1/3 Hz)	25 (33 1/3 Hz)	J4138/430	28	----



Un-drilled plugboard
Part No. E7218/1



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