



Siemens.com/mobility

QNHX1 Relay

A double wound dc neutral, tractive armature, line relay

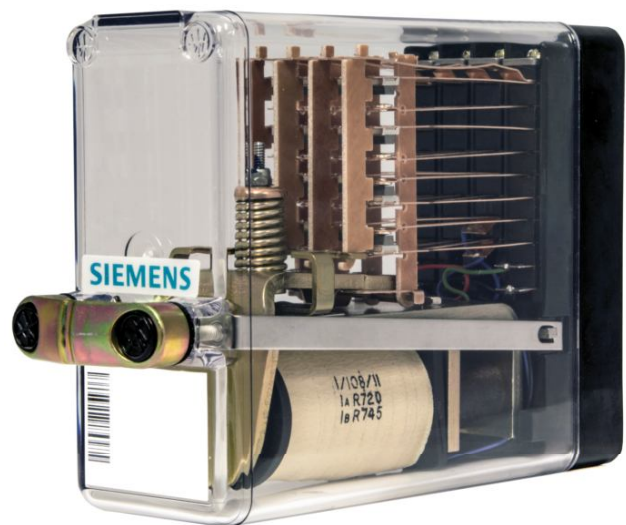
General data

Contact Arrangement:	8F 4B, 14F 2B
Nominal Rated Voltage:	100V and 110V ac
Approximate Weight:	1.3 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.



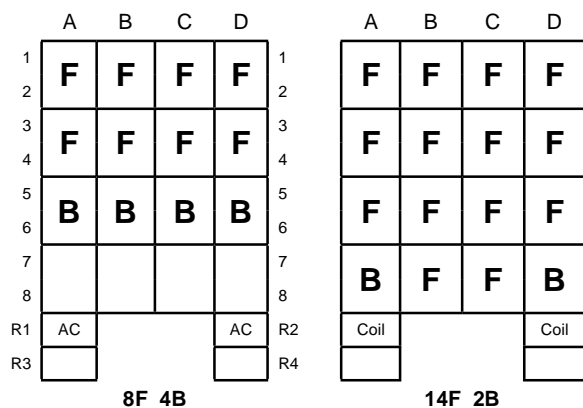
Typical Single Coil Relay

Description

Some versions incorporate a bridge rectifier to enable operation from an ac supply. Others require an external bridge rectifier.

The relay is designed for interfacing between solid state or computer based systems and other equipment.

Contact layout viewed from rear



Note: 14F 2B version fed from external bridge rectifier J1125/16

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 electromagnetic disturbance.

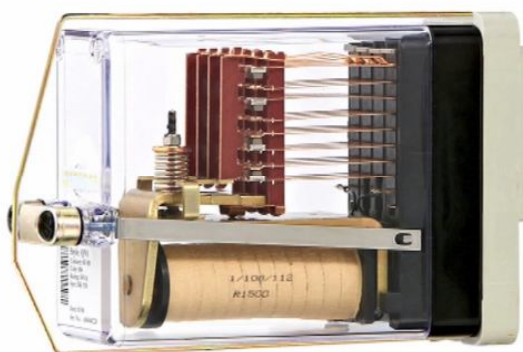
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

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 ac)	MIN REL (V ac)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18562/1 (85/002040)	8F 4B	110 50 Hz	029 ACEFH	10000	142	90	31	J4138/343	26	Min PU time 50 ms at 110 V Min interrupt time 200 ms at 90 V BRB Spec 966 F7.
B18562/2	8F 4B	100 30 - 125 Hz	XFHJK	9000	157	80	35	J4138/365	26	PU time 100-200 ms at 100 V. Release time 50 - 150 ms at 100 V. Min interrupt time 60 ms at 100 V.
B18562/3	14F 2B	100 125 Hz	ABCES	9000	157	75 MAX OP 65	35	J4138/368	34	PU time 260 ms Max at 80 V, 50 Hz Min interrupt time 75 ms at 80 V, 50 Hz Note: External bridge rectifier J1125/16 required.
B18562/4	8F 4B	100 33.1/3 - 125 Hz	ACDES	3600	162	80	30	J4138/374	26	Note: Fitted with Silver Impregnated Graphite contacts. Special to LUL spec S-SG-0893-A2.



Un-drilled plugboard
Part No. E7218/1



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

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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.