

Siemens.com/mobility

QBBA2 Relay

A twin, dc biased, ac immune, tractive armature relay

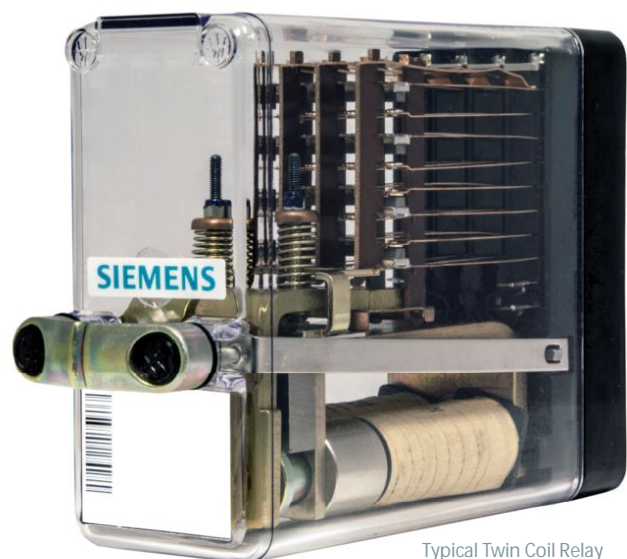
General data

Contact Arrangement: 2 x 2F 2B
 Nominal Rated Voltage: 50 V dc
 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.



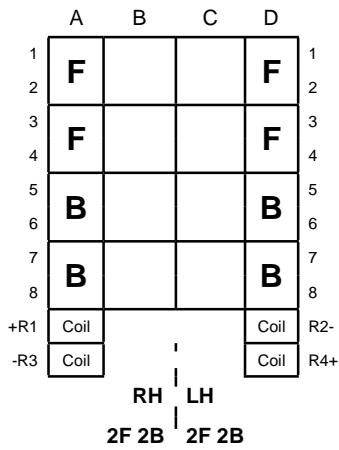
Typical Twin Coil Relay

Description

This relay is a more sensitive version of the QBBA1. A twin, dc biased, ac immune, tractive armature relay unit. It comprises two electrically independent biased relays mounted side-by-side on a single base.

The twin relays are ac immune to 1000 V rms, 50 Hz. The reverse dc voltage immunity is 1000 V dc

Contact layout viewed from rear



Coil polarity shown to operate relay.

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.

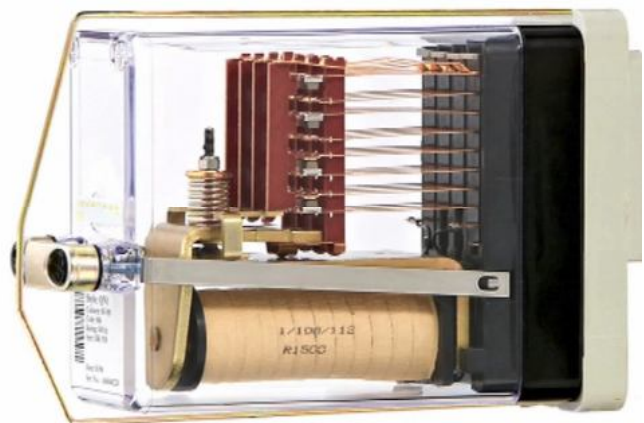
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED VOLTAGE (V dc)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (V dc)	MIN REL (V dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18522/8 (85/001815)	2F 2B LH & RH	50	194 BFGJK	2000	59	40	7.5	J4138/285	20	BRB SPEC. 961



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.