



Siemens.com/mobility

QEC2 RELAY

A dc operated relay

General data

Contact Arrangement:	4F 2B
Rated Current:	2.5A dc
Approximate Weight:	1.7 kg

Note: Refer to the following data sheets:

- 7-1-1 for general information and contact raings.
- 7-2-1 for dimensions.
- 8.2 for tools.
- 8.3 for plugboard and connector details.

Refer overleaf for specific data.



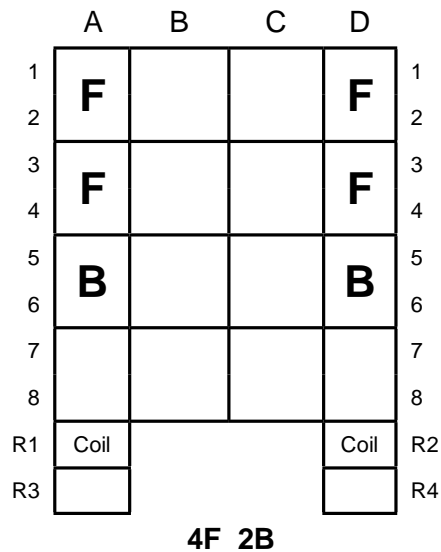
Typical Single Coil Relay

Description

This unit is used for lamp proving in railway signalling circuits.

It is similar to the QEC1 relay but lacks the slow release feature. A small residual pin is fitted to avoid 'chatter' when energised with rectified ac. The relay is typically used in dc lamp proving circuits which are energised from a battery or rectified ac supply.

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 electromagnetic disturbance.

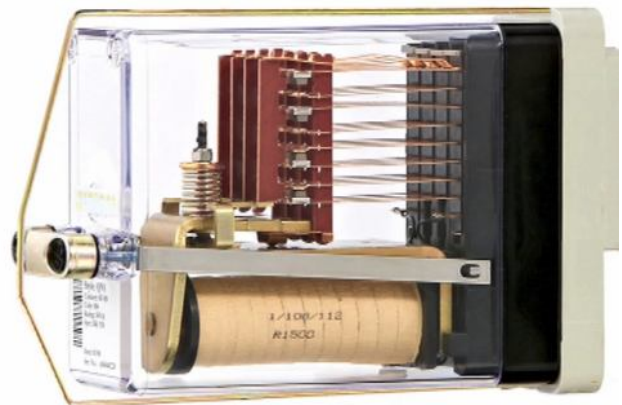
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED CURRENT (A dc)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (mA dc)	MIN REL (mA dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18514/3	4F 2B	2.5	ACEGX	0.425	46	800	200	J4138/141	14	



Un-drilled plugboard
Part No. E7218/1



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