



Siemens.com/mobility

QECF1 Relay

A dc neutral current operated, tractive armature, slow release, lamp proving relay

General data

Contact Arrangement: 4F
 Typical Interruption Time: 110 ms @1.5 A
 Voltage Drop Across Coil: 1.5 V dc Max at 4A dc (20°C)
 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

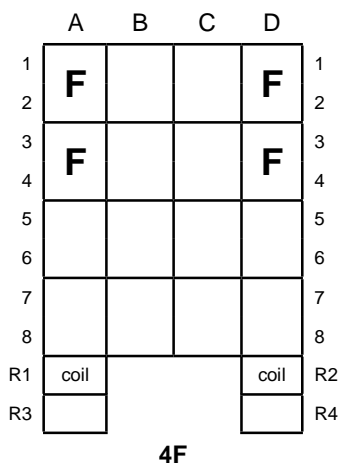
Designed specifically for use with flashing Signals.

The relay will prove one or two pairs of 24 V d.c., 36 W lamps, each lamp flashing alternatively, with an overlap, at 60 – 90 flashes per minute.

Contacts are Sig-Sil and the relay conforms to BR.945.

Note: This relay is available only as a spare for existing installations. It has been superseded for new work by twin relay QEECF1 which has a different pin code.

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.

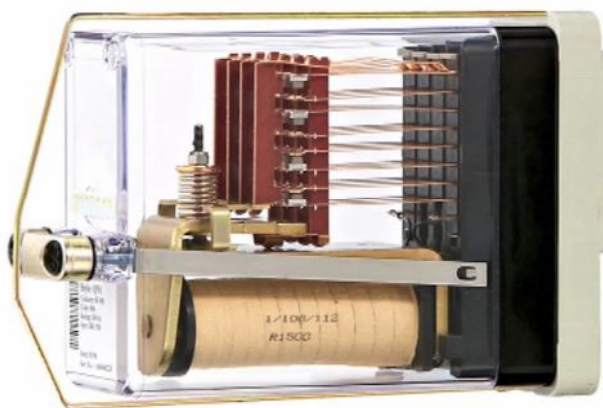
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED CURRENT (A ac)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (A dc)	MIN REL (A dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18541/1 (85/001450)	4F	4	091 ABHJK	0.26	78	1	0.2	J4138/219	10	BRB. Specification 945 SPARES ONLY



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.