



Siemens.com/mobility

QECX5 Relay

An ac current operated, tractive armature relay

General data

Contact Arrangement:	2F 2B
Nominal Rated Current:	0.4 A ac
Typical Release Time:	170 ms @ 0.2 A
Approximate Weight:	2.1 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.



B18513/19

Description

This unit incorporates a diode bridge rectifier to enable operation from an ac supply.

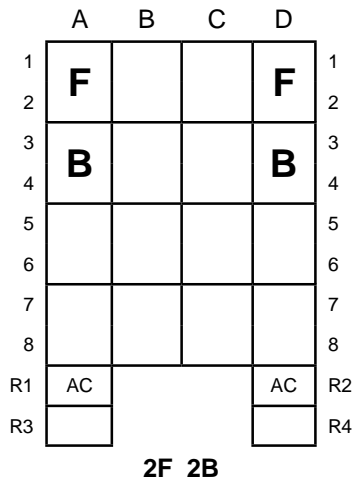
It is designed as a lamp proving relay for a 10 V ac 18 + 3.5 W twin filament lamp.

The relay is connected in series with the primary of the lamp transformer.

The relay's slow release feature covers the transit time of the signal control relay.

This relay is equivalent to Australian type M25045.

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.

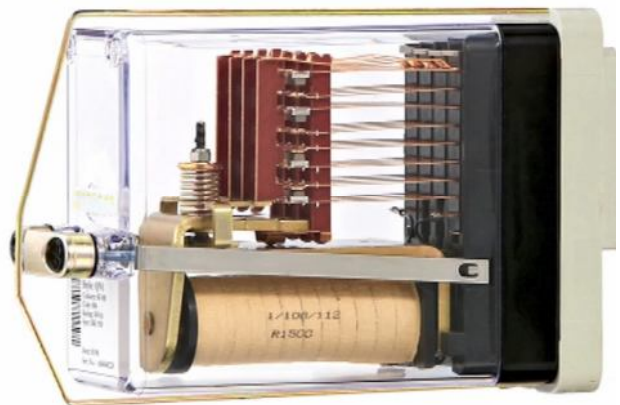
Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED CURRENT (A ac)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (mA ac)	MIN REL (mA ac)	PLUGBOARD	REOD No. OF CONNECTORS J4137/3	REMARKS
B18513/19	2F 2B	0.4	DEJXX	40	193	200	120	J4138/447	10	M25045



Un-drilled plugboard
Part No. E7218/1

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



Siemens Ltd
Infrastructure & Cities Sector
Mobility and Logistics Division
Rail Automation
PO Box 79
Pew Hill
Chippenham
Wiltshire SN15 1JD
UK
www.siemens.com/rail-automation

Printed in the United Kingdom

Data Sheet 7-2-112

X342/55/000134 Revision 03

SIEMENS

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.