



Siemens.com/mobility

QTM1 Relay

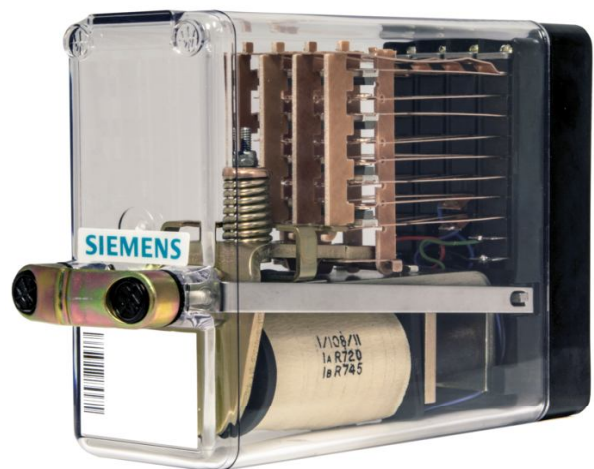
A dc neutral track relay

General data

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

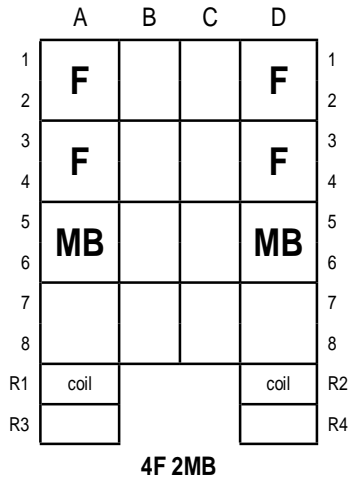
Description

This unit is similar to QT1, but with metal to metal (Silver cadmium oxide) back contacts. These back contacts are rated at 6 amps and are weld resistant but not non-weldable.

The relay construction does not guarantee that if a back contact welds, no front contact can make. No BR specification exists for this relay.

All of the specified characteristics apply with a coil temperature of 20°C.

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.

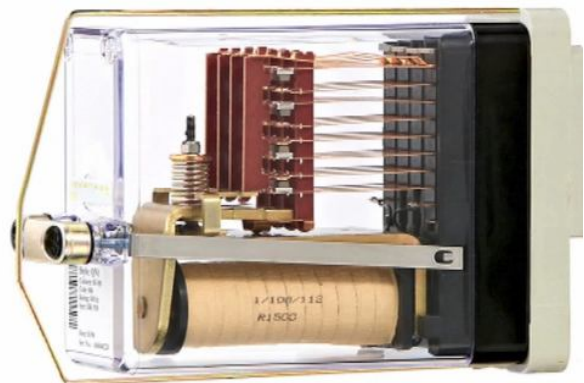
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	OPERATING CURRENT mA	PIN CODE	RATED VOLTAGE (V dc)	MAX FULL OP. CURRENT mA	MIN REL CURRENT mA	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18585/1	4F 2MB	Max 137 Min 123	ADEKS	4	170	68%	J4138/477	14	M25385 Equivalent



Un-drilled plugboard
Part No. E7218/1



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