



Siemens.com/mobility

QR22 Relay

Special relay (see description)

General data

Contact Arrangement: 3 x 1F, 2C/O
 Nominal Rated Voltage: 50V dc
 Approximate Weight: 0.7 kg
 Contact Rating Switching:
 dc 100 V, 30 W max or 1 A resistive max.
 ac 100 V, 100 VA max or 2.5 A rms resistive max.

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 Q Style Relay

Description

A relay unit consisting of three miniature continental-type relays fitted with silver palladium to silver palladium contacts.

Each relay has a diode which may be connected across the coil to provide slow release, and an LED which is illuminated when the coil is energised.

The unit is a general purpose interface.

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)	MAX FULL OP. (V d.c)	MIN REL (V d.c)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18530/41	3 x 1F 2 C/O	50	XCFHK	3200	42	2.5	J4138/325	31	----

Internal Wiring

