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## QR19 Relay

Special relay (see description)

### General data

Nominal Rated Voltage:	50 V 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.



### Description

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

Each relay coil has an associated LED which is illuminated when that coil is energised. The whole is wired for use as a control unit for points, route and track indications of an illuminated signalling diagram. It will interface with either the interlocking equipment or the remote control system. One unit per point end is required.

## 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.	CONTACT ARRANGEMENT	RATED VOLTAGE (V dc)	PIN CODE	COIL RES (OHMS)	MAX FULL OP. (V dc)	MIN REL (V dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18530/38	Refer to Internal Wiring information below	50	XCFGJ	2200	42	2.5	J4138/322	36	----

## Internal Wiring

