



Siemens.com/mobility

## QR12 Relay

Special relay (see description)

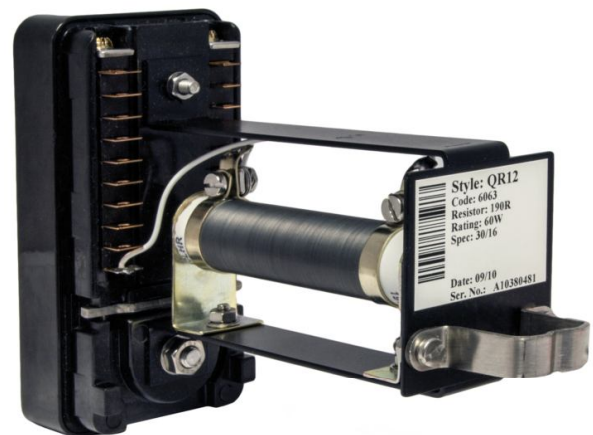
### General data

Approximate Weight: 0.45 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.



### Description

A relay unit consisting of one or more resistors connected as indicated overleaf.

On versions B18530/13 and B18530/16, the unused position are fitted with coil lead connectors that allow additional components to be fitted by the customer. These versions are supplied less cover.

## 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

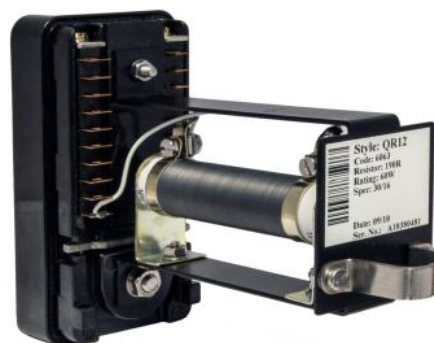
Q-Relays comply with the relevant emission requirements of EN 55014. It is considered that these relays have inherent immunity to in-service electro-magnetic disturbance. A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

## Technical data

SIEMENS Part No. (PAD No.)	RESISTOR VALUE (ohms)	RATED WATTS	RESISTOR CONNECTED TO	PIN CODE	PLUGBOARD (SEE NOTE)	REQD No. OF CONNECTORS J4137/3	REMARKS
B18530/13 (88/047078)	60	60	R1 – R4	6063	J4138/132	2	----
B18530/16 (88/047250)	190	60	R1 – R4	6063	J4138/132	2	----
B18530/18 (88/047262)	20000 20000 20000 20000	6 6 6 6	A1 – D1 A3 – D3 A7 – D7 A5 – D5	6063	J4138/132	8	----
B18530/21 (88/047271)	20000 20000 190	6 6 60	A1 – D1 A3 – D3 R1 – R4	6063	J4138/132	6	----



Un-drilled plugboard  
Part No. E7218/1



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# 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.