

[Siemens.com/mobility](https://www.siemens.com/mobility)

QCU1 Relay

A relay unit fitted with connectors

General data

Approximate Weight: 0.42 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.



Typical Q Style Relay

Description

A relay unit fitted with connectors, supplied for customers to mount their own arrangements of resistors, capacitor etc.

The units B18537/1, /5 and /6 are supplied with unassembled kits of interlocking pins and sealing plugs. Blank labels to Siemens Part number 61484963 may be ordered separately where not included.

The unit B18537/9 is also supplied with PC card brackets.

Unless stated overleaf, the units are fitted with covers as shown above

Connector positioning

B18537/1 and /8	A1	A2	A3	A4	A5	A6	A7	A8	R1	R3						
	D1	D2	D3	D4	D5	D6	D7	D8	R2	R4						
B18537/5, /6 and /7	All positions have connectors															
B18537/9	A1	A2	A3	A4	A5	A6	A7	A8	R1	R3						
B18537/11	B1	B2	B3	B4	B5	B6	B7	B8	C1	C2	C3	C4	C5	C6	C7	C8



Un-drilled plugboard
Part No. E7218/1

Technical data

SIEMENS PART No. (PADS No.)	NUMBER OF CONNECTORS IN BASE OF UNIT	PIN CODE	SUPPLIED WITH OR WITHOUT BLANK LABEL CODE NUMBER 61484963	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18537/1	20	---	WITH	TO BE SPECIFIED BY THE CUSTOMER	20	WITH RED SEALS FOR RAIL COMPANIES
B18537/5 (088/047243)	36	---	WITHOUT	TO BE SPECIFIED BY THE CUSTOMER	36	WITH RED SEALS FOR RAIL COMPANIES
B18537/6	36	---	WITHOUT	TO BE SPECIFIED BY THE CUSTOMER	36	WITH BLUE SEALS FOR RAIL COMPANIES
B18537/7	36	XYAEH	WITHOUT	J4138/401	36	NO COVER
B18537/8	20	XBEHJ	WITHOUT	---	20	NO COVER
B18537/9	10 PLUS PC CARD BRACKET	ABDFGXZ	WITHOUT	---	10	M25198

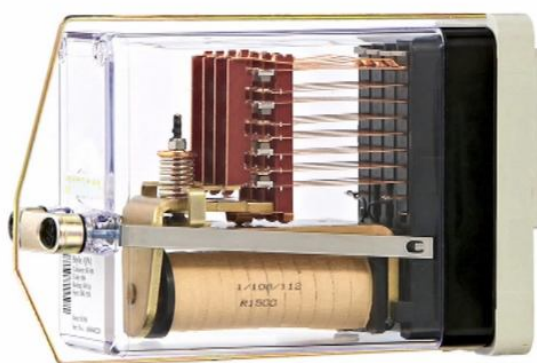
Packaging

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 electromagnetic disturbance.

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



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