



[Siemens.com/mobility](http://Siemens.com/mobility)

## QS3 Relay

A sensitive, dc neutral, tractive armature relay

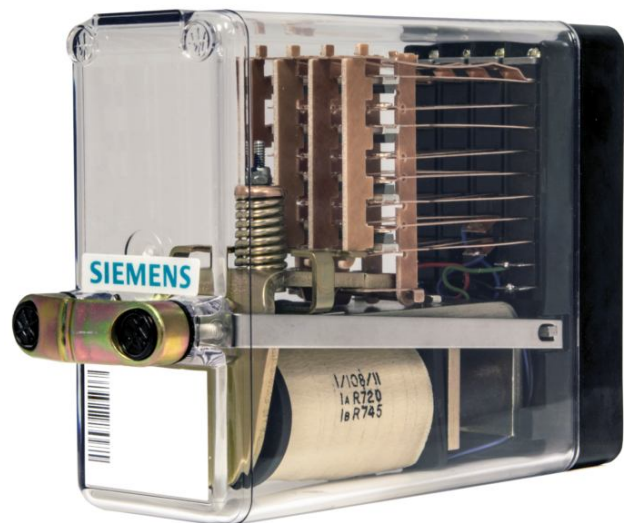
### General data

Contact Arrangement:	6F 6B, 4F 4B, 2F 2B
Nominal Rated Voltage:	12V dc
Approximate Weight:	1.58 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.



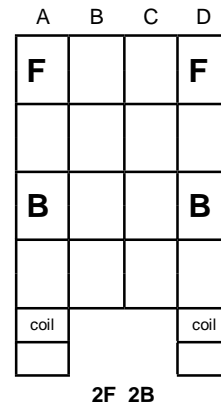
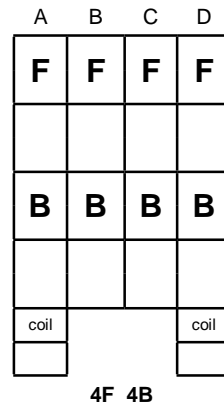
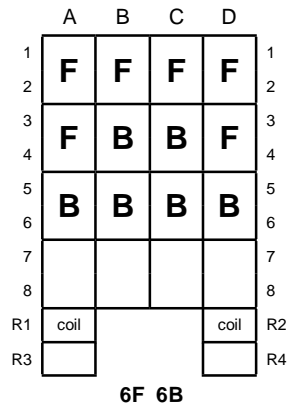
Typical Single Coil Relay

### Description

Designed as a low power, low voltage relay, making it suitable for solar powered systems.

The variations of this relay style are listed overleaf.

## 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.

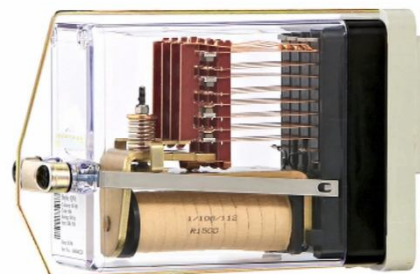
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

## Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED VOLTAGE (V dc)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (V dc)	MIN REL (V dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18528/3	6F 6B	12	XCHJK	300	137	9.0	3.5	J4138/330	26	
B18528/4	4F 4B	12	XDEFG	500	136	9.0	3.5	J4138/331	18	
B18528/5	2F 2B	12	XDEFH	1000	128	9.0	3.5	J4138/332	10	
B18528/6	4F 4B	12	XCDEK	1000	168	9.35	3.75	J4138/383	18	MIN. % REL 50% OF OPERATE VALUE



Un-drilled plugboard  
Part No. E7218/1



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

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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.