



Siemens.com/mobility

QSR3 Relay

A dc neutral, current operated, slow release relay

General data

Contact Arrangement:	4F 2B
Nominal Rated Current:	0.280 A, 2.5 A
Approximate Weight:	1.60 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

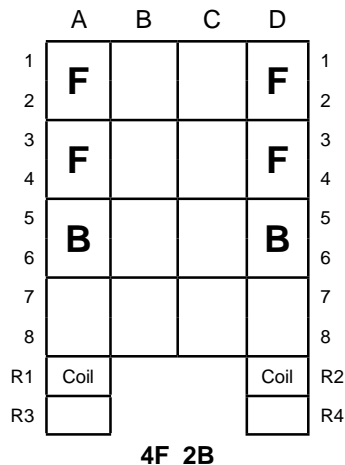
Description

Designed for use in Colour Light Signal lamp proving circuits.

The slow release relay time range is 150 to 200 ms at maximum operating current.

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 electromagnetic disturbance.

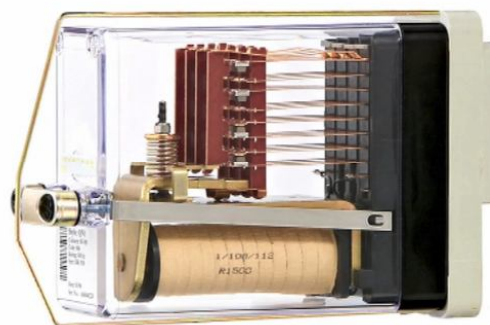
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED AMPS	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (mA dc)	MIN REL (mA dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18516/4 (85/001426)	4F 2B	0.280	079 ABDGK	25	21	105	30	J4138/115	14	200 ms MIN @ 0.115 A SPARES ONLY
B18516/5 (088/044627)	4F 2B	2.5	087 ABFHK	0.29	29	850	260	J4138/116	14	200 ms MIN @ 0.850 A
B18516/6	4F 2B	0.280	088 ABFJK	25	21	105	30	J4138/117	14	200 ms MIN @ 0.110 A
B18516/7	4F 2B	0.280	082 ABEFK	25	21	100	30	J4138/123	14	150 ms MIN @ 0.100 A, SPARES ONLY. USE -/6 IN PLACE OF -/4 OR -/6 FOR NEW WORK



Un-drilled plugboard
Part No. E7218/1



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

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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.