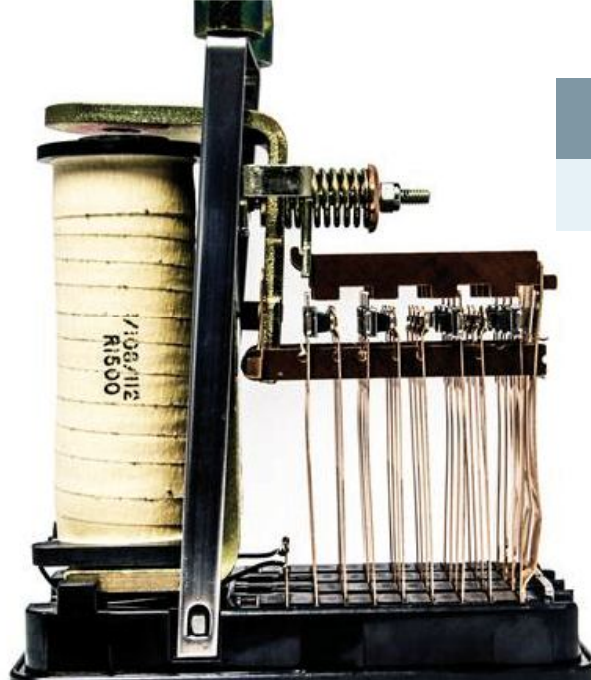


SIEMENS

Relay Solutions

BR 930 SERIES



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

QSRA4 Relay

An ac immune, dc neutral, slow release, tractive armature relay

General data

Contact Arrangement: 6F 2B
Nominal Rated Voltage: 12V and 50V dc
Approximate Weight: 1.80 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.

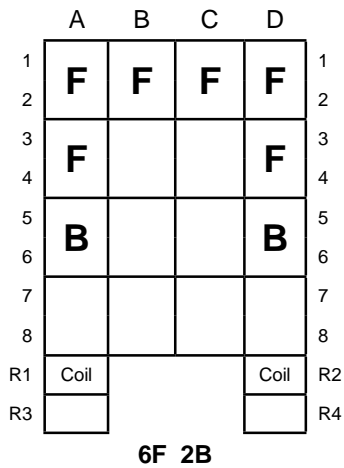


Typical Single Coil Relay

Description

This unit is designed to have a minimum release time of 550 ms at 80% of rated voltage.

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.

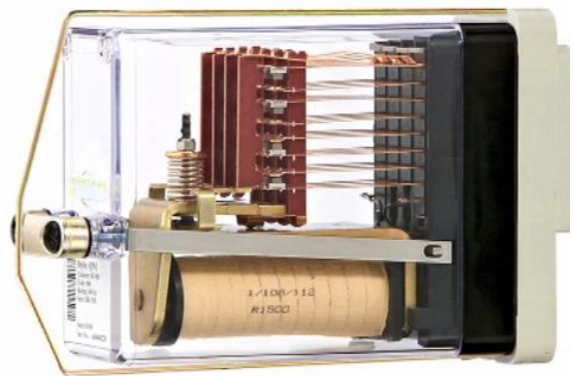
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED 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
B18516/8 (085/001595)	6F 2B	50	179	2000	118	40	7.5	J4138/293	18	TYPICAL RELEASE TIME 550 ms @ 40 V
B18516/10	6F 2B	12	ADFGS	115	196	9.6	1.8	J4138/454	18	TYPICAL RELEASE TIME 600 ms @ 9.6 V M25089 EQUIVALENT



Un-drilled plugboard
Part No. E7218/1



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

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Data Sheet 7-2-94

X342/55/000113 Revision 04

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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.