



Siemens.com/mobility

## QSRA1 Relay

An ac immune, dc neutral slow release relay

### General data

Nominal Rated Voltage:	12V, 24V, and 50V dc
Contact Arrangement:	8F 4B, 4F 2B, 6F 6B
Approximate Weight:	1.47 kg
Typical Interruption at 80% rated volts:	260 ms

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.



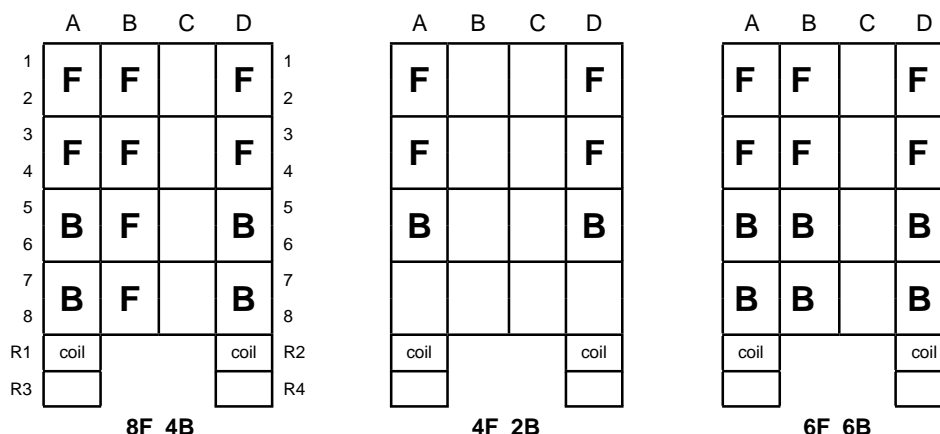
B18508/24 Variant

### Description

Designed for use where release time which is sufficient to cover the transit time of an ac immune neutral line relay to BRB Spec. 931A is required and where alternating current at 50 Hz may be present in the circuit.

The variations of this relay style are listed overleaf. Where a relay corresponds exactly to a type listed in a BR Spec., the Spec. No. is shown in the remarks column.

## 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
B18508/13 (085/001010)	8F 4B	24	061 ADEFJ	220	8	19.2	3.6	J4138/32	26	BRB SPEC 934A
B18508/18 (085/001020)	8F 4B	50	063 ADEHJ	1420	7	40	7.5	J4138/37	26	BRB SPEC 934A
B18508/21	4F 2B	50	XACDG	1420	7	40	7.5	J4138/103	14	----
B18508/22	8F 4B	12	360 MABFJ	48	74	8.5	2.0	J4138/210	26	----
B18508/23 (085/001010)	8F 4B	24	061 ADEFJ	195	121	19.2	3.6	J4138/32	26	POWER STATION SPECIAL
B18508/24	6F 6B	50	ADFGJ	1000	195	40	7.5	J4138/445	26	M25088