

SIEMENS

Relay Solutions

BR 930 SERIES



Siemens.com/mobility

QSPA1 Relay

An ac immune, dc neutral slow operate, line relay

General data

Contact Arrangement:	8F 4B
Nominal Rated Voltage:	24V and 50V dc
Typical Operate Time:	570 ms
Typical Release Time:	150 ms
Approximate Weight:	1.87 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.

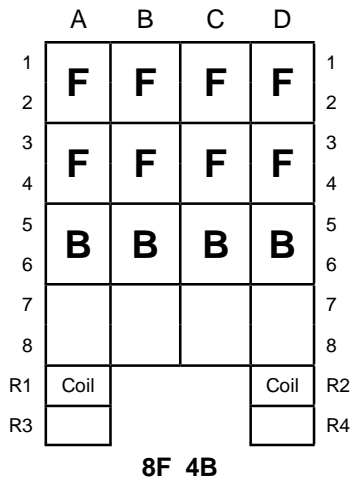


B18511/2 Variant

Description

Designed primarily as a track circuit repeater relay for use in circuits where it is required not to operate during a momentary feed, and in addition where current at 50 Hz may be present. It is immune to 1000 V ac rms 50 Hz.

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.

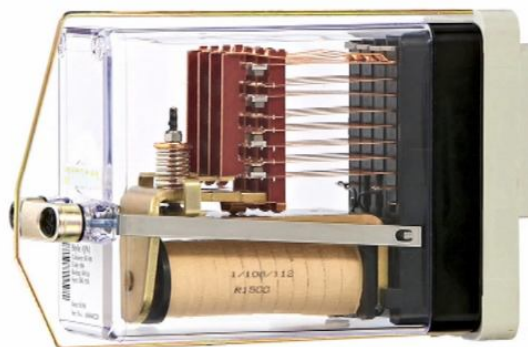
A Technical Certificate for EU Directive on EMC (89/336/EEC) has been obtained.

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
B18511/1 (085/000950)	8F 4B	24	041	194	10	19.2	3.6	J4138/43	26	BRB SPEC 933A
B18511/2 (085/000960)	8F 4B	50	043	860	9	40	7.5	J4138/44	26	BRB SPEC 933A



Un-drilled plugboard
Part No. E7218/1



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