



Siemens.com/mobility

QT2 Relay

A sensitive, dc neutral, tractive armature, high percentage release relay

General data

Contact Arrangements: 2F, 2F 2B, 2F 1B, 4F 2B

Nominal Supply Voltage: 0.5V, 0.9V, 1.4V, 1.75V & 4V dc

Approximate Weight: 1.63 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.



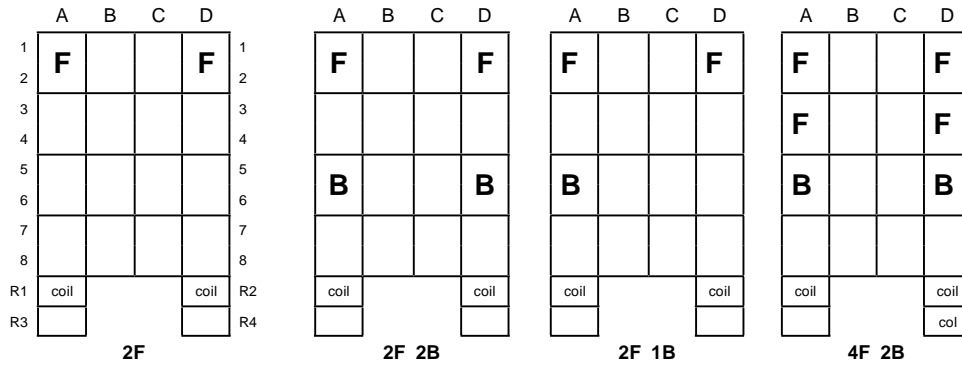
Typical Single Coil Relay

Description

A sensitive, dc neutral, tractive armature, high percentage release relay. Designed for use in railway signalling track circuits in non 50 Hz electrified traction areas.

The variations of this style are listed overleaf.

Contact layout viewed from rear



Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	RATED VOLTAGE (V dc)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OPERATE	OPERATE	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18526/3 (85/000200)	2F	0.5 V	101 ACFGK	4	96	146 mA	117 mA max 103 mA min	J4138/85	6	BRB SPEC. 938A Min. Rel 68% of actual operate value
B18526/4	2F	1.75 V	XCDFG	3.32	122	-	2.0 V max 1.5 V min	J4138/303	6	Min. Rel 70% of actual operate value
B18526/5	2F 2B	1.4 V	XDEFJ	9	120	140 mA	117 mA max 109mA min	J4138/341	10	Min. Rel 68% of actual operate value
B18526/6	2F 1B	0.5 V	XEHJK	4	96	146 mA	117 mA max 103 mA min	J4138/360	8	Min. Rel 68% of actual operate value
B18526/7	2F 2B	0.5 V	ACFGK	4	96	146 mA	117 mA max 103 mA min	J4138/85	10	Min. Rel 68% of actual operate value
B18526/9	4F 2B	0.9 V	XCDFH	9	203	1.1 V d.c.	0.9 V d.c.	J4138/457	14	Min. Rel 0.6 V d.c.
B18526/10	2F 2B	4 V	XBCGJ	270	222	110% of actual operate value	15 mA max 13.5 mA min	J4138/478	10	Min. Rel 68% of actual operate value

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.