

[Siemens.com/mobility](http://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.



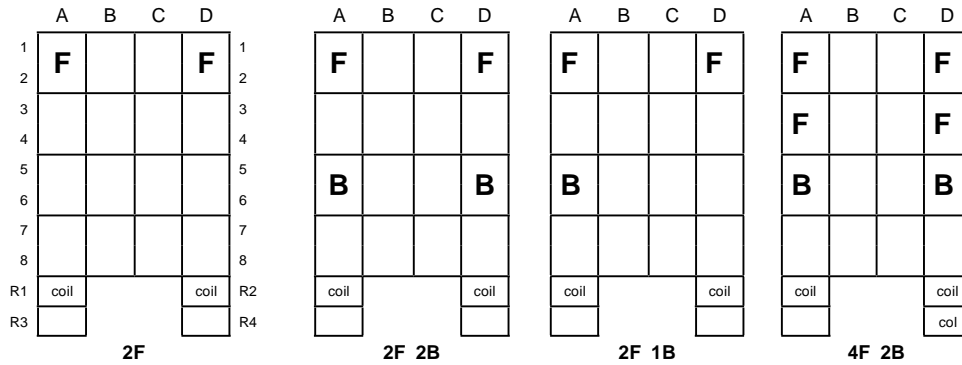
Typical Single Coil Relay

### 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.