



Siemens.com/mobility

QNND1 Relay

A twin, double wound, dc neutral, tractive armature, relay unit

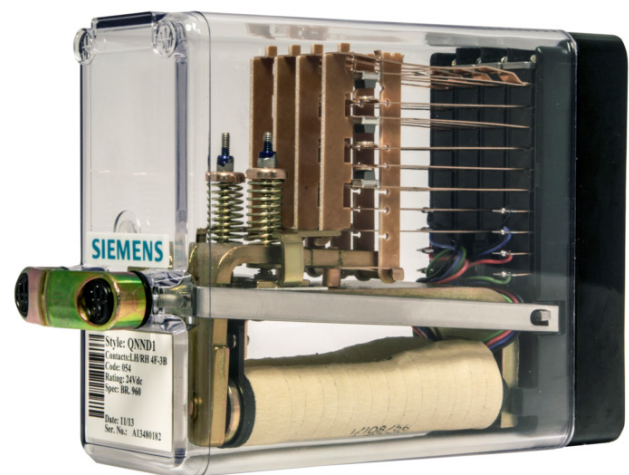
General data

Contact Arrangement:	2 x 6F 1B, 2 x 4F 3B and 2 x 2F 1B
Nominal Rated Voltage:	24V and 50V dc
Approximate Weight:	1.2 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.



B18520/2 Variant

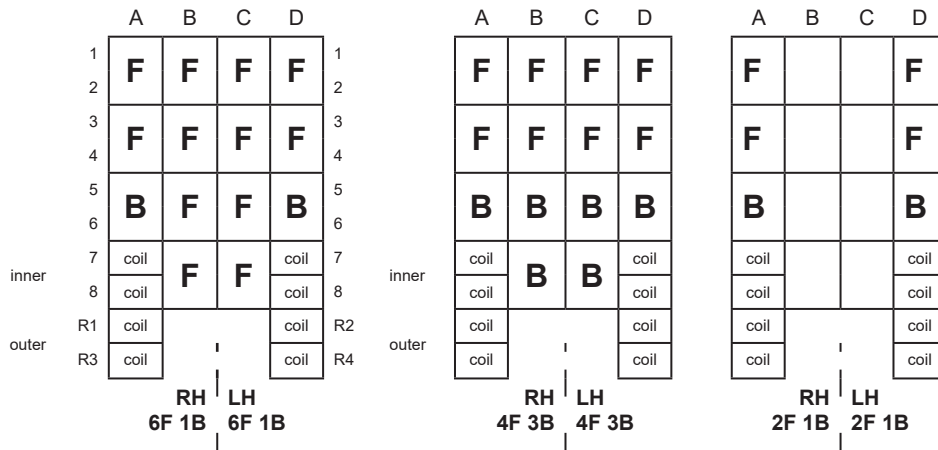
Description

This unit comprises two double wound, electrically independent, relays mounted side-by-side on a single base.

Each relay can be operated by either of its two windings. Each of the twin relays is designed to operate a maximum of seven pairs of contacts.

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

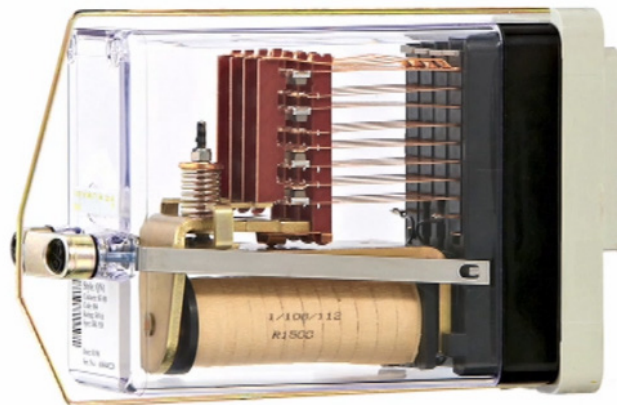


Technical data

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
B18520/1 (85/001700)	6F 1B LH & RH	24	055 ACEFJ	230 230	56	19.2	3.6	J4138/164	36	BRB SPEC. 960
B18520/2 (85/001710)	4F 3B LH & RH	24	054 ACDHJ	230 230	56	19.2	3.6	J4138/166	36	BRB SPEC. 960
B18520/3 (85/001720)	2F 1B LH & RH	24	054 ACDHJ	230 230	56	19.2	3.6	J4138/217	20	BRB SPEC. 960
B18520/4 (85/001740)	6F 1B LH & RH	50	056 ACEGJ	1000 1000	57	40	7.5	J4138/167	36	BRB SPEC. 960
B18520/5 (85/001750)	4F 3B LH & RH	50	060 ACGHJ	1000 1000	57	40	7.5	J4138/169	36	BRB SPEC. 960
B18520/6 (85/001760)	2F 1B LH & RH	50	060 ACGHJ	1000 1000	57	40	7.5	J4138/168	20	BRB SPEC. 960



Un-drilled plugboard
Part No. E7218/1



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

Siemens Mobility Limited
PO Box 79
Pew Hill
Chippenham
Wiltshire SN15 1JD
UK
www.siemens.com/mobility

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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.