

Siemens.com/mobility

## QNC11 Relay

A dc neutral, tractive armature contactor

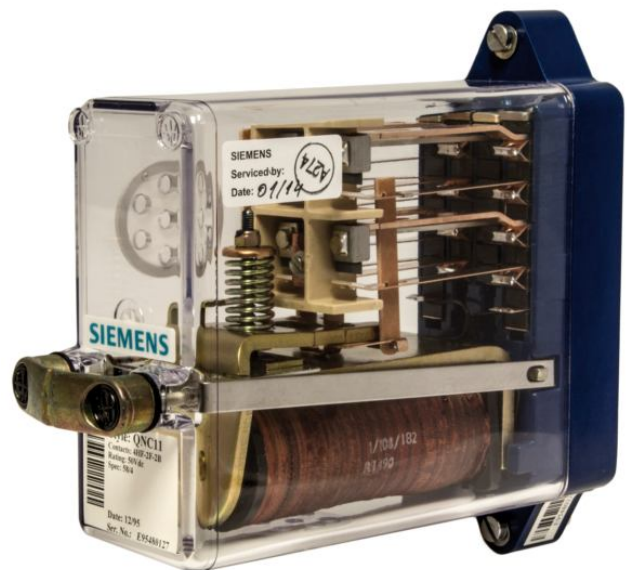
### General data

Contact Arrangement: 4F(HD) 2F 2B  
 Nominal Rated Current 36V, 50V, 80V and 110V dc  
 Approximate Weight: 1.24 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.



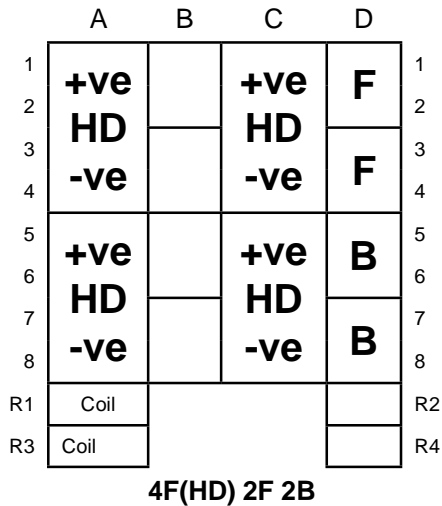
B18558/1 Variant

### Description

Designed for trainborne service

In place of the standard securing clip the unit is attached to special anti-vibration brackets. The coil is impregnated to resist the effects of vibration to the windings. In addition to signalling contacts it is fitted with Heavy Duty (HD) contacts with magnetic blow-out

## 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 AMPS dc	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (mA dc)	MIN REL (mA dc)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3
B18558/1	4F(HD) 2F 2B	50	XCDHJ	1490	126	33 MAX OP 21.5 MIN OP	15 MAX REL 20	J4138/311	26
B18558/2	4F(HD) 2F 2B	36	ADEHS	1050	174	29 MAX OP 20 MIN OP	9 MAX REL 15	J4138/399	26
B18558/3	4F(HD) 2F 2B	80	AFGHS	5200	178	50 MAX OP 45 MIN OP	20	J4138/405	26
B18558/4	4F(HD) 2F 2B	50	BCDHS	1490	182	27 MAX OP 21 MIN OP	15 MAX REL 20	J4138/424	26
B18558/5	4F(HD) 2F 2B	110	BCDJS	10000	159	62	25	J4138/425	26

NOTE: B18558/1 variant is fitted with fine Silver/Plain Graphite contacts for LUL use



Un-drilled plugboard  
Part No. E7218/1



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# SIEMENS

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.