



Siemens.com/mobility

## QECX20 Relay

An ac current operated, tractive armature relay

### General data

Contact Arrangement:	4F 2B
Supply Current @ 130 V ac	
Input to Transformer Primary:	0.058 A ac
Voltage Drop @ 0.058 A ac:	10 V
Approximate Weight:	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.



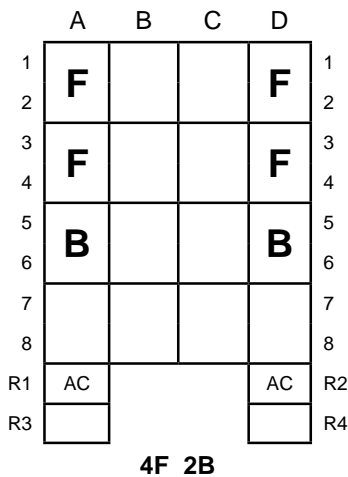
B18513/27

### Description

It incorporates a diode bridge rectifier to enable operation from an ac supply.

It is designed as a lamp proving relay for LED signals

## 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.

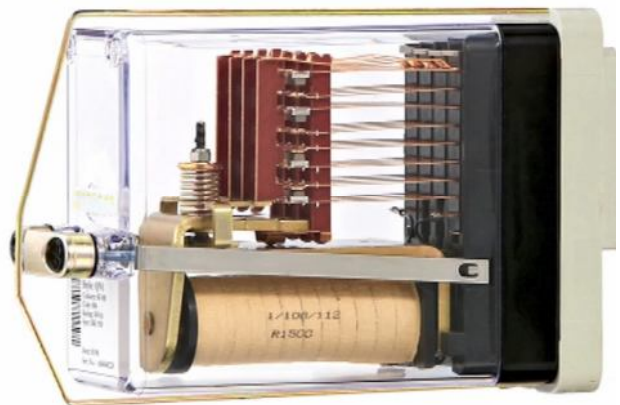
## Technical data

SIEMENS Part No. (PAD No.)	CONTACT ARRANGEMENT	SUPPLY CURRENT @ 130 V ac (A ac)	PIN CODE	COIL RES (OHMS)	WDG SPEC 1/108/-	MAX FULL OP. (mA ac)	MIN REL (mA ac)	PLUGBOARD	REQD No. OF CONNECTORS J4137/3	REMARKS
B18513/27	4F 2B	0.058	SBDFJ	65	228	45	20	J4138/487	14	----



Un-drilled plugboard  
Part No. E7218/1

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



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Data Sheet 7-2-110

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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.