



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.



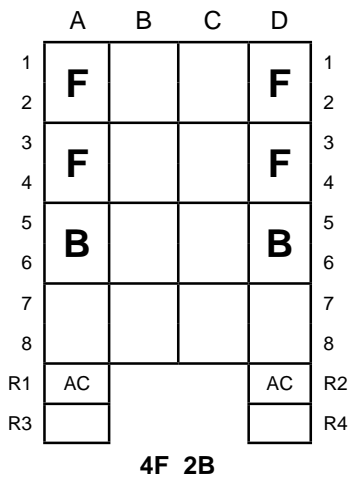
B18513/27

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)

