



Siemens.com/mobility

QMT3 Relay

A Motor driven timer unit

General data

Contact Arrangement : 1F 1B

Nominal Rated Voltage Motor and clutch :
110V ac, 50 Hz

Approximate Weight : 0.08 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.



Description

A motor driven timer unit comprising a motor, gearbox and clutch driving a rotating bridging contact between two pairs of fixed contacts. The position of the 'finish' contacts is adjustable to vary the time delay. The setting may be sealed. The rotating contact is returned to the 'start' position by a spring when the clutch and the motor are de-energised on completing the stroke.

This unit must be used in conjunction with an external relay which de-energises the clutch and motor at the end of stroke.

NOTE: The contacts of this relay are not available for connection to external circuits. Such circuits are connected to the JS relay.

Technical data

SIEMENS Part No. (PAD No.)	CONTACTS	RATING	PLUGBOARD E7218/1 DRILLED TO...	REQD No. OF CONNECTORS J4137/3	REMARKS
B18570/1	1F 1B	110 V ac 50 Hz	J4138/389	6	4.5 Secs
B18570/2	1F 1B	110 V ac 50 Hz	J4138/390	6	15 Secs
B18570/3	1F 1B	110 V ac 50 Hz	J4138/391	6	60 Secs
B18570/4	1F 1B	110 V ac 50 Hz	J4138/392	6	2-30 Secs
B18570/5	1F 1B	110 V ac 50 Hz	J4138/393	6	30-120 Secs
B18570/6	1F 1B	110 V ac 33 1/3 Hz	J4138/411	6	4.5 Secs
B18570/7	1F 1B	110 V ac 33 1/3 Hz	J4138/412	6	15 Secs
B18570/8	1F 1B	110 V ac 33 1/3 Hz	J4138/413	6	60 Secs
B18570/9	1F 1B	110 V ac 33 1/3 Hz	J4138/414	6	20 Secs
B18570/10	1F 1B	110 V ac 33 1/3 Hz	J4138/415	6	120 Secs
B18570/11	1F 1B	110 V ac 125 Hz	J4138/416	6	4.5 Secs
B18570/12	1F 1B	110 V ac 125 Hz	J4138/417	6	15 Secs
B18570/13	1F 1B	110 V ac 125 Hz	J4138/418	6	60 Secs
B18570/14	1F 1B	110 V ac 125 Hz	J4138/419	6	20 Secs
B18570/15	1F 1B	110 V ac 125 Hz	J4138/420	6	120 Secs
B18570/16	1F 1B	110 V ac 50 Hz	J4138/426	6	30 Secs

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.

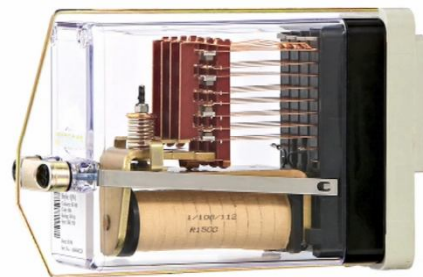
EMC Compliance

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.



Un-drilled plugboard
Part No. E7218/1

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



Siemens Ltd
Infrastructure & Cities Sector
Mobility and Logistics Division
Rail Automation
PO Box 79
Pew Hill
Chippenham
Wiltshire SN15 1JD
UK
www.siemens.com/rail-automation

Printed in the United Kingdom

Data Sheet 7-2-39

X342/55/000058 Revision 03

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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.