

Relay Style QECX

AC Slow-Release Lamp-Proving Relay

The QECX1 is an ac slow-release lamp-proving relay designed to comply with BR Specification 941. This specification covers a relay to prove an SL34 or SL35 lamp with slow-release feature to ensure it will remain operated when its feed current is interrupted by the transit time of the signal control relay.

The QECX1 will not break its front contacts when the coil current is interrupted for the following times:

- Energised at max full operate A_{RMS} : 100 ms
- Energised at 0.250 A_{RMS} : 200 ms

The other relays are similar but designed for use with other lamps.

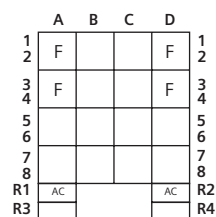
The available range is listed in the table below. For additional information on Q style relays, refer to Datasheet 3A *Style Q Plug-in Relays*.

Style	Part Number	Max Continuous Current (A)	Contacts	Volt Drop (at 0.250 A)	Max Full Operating Current (A)	Min Release Current (A)	Plugboard	
							Part Number	Code Holes
QECX1	M30852	0.400	4F 2B	7-10	0.180	0.110	M31000	ABCDK
QECX1	M25042	0.400	4F	7-10	0.180	0.110	M25488	ABCDK
QECX19	M25038	0.150	4F	–	0.135	0.060	M25498	ADFKS
QECX16	M30851	0.600	2F	–	0.400	0.200	M30827	ACEKS
QECX11	M30853	1.000	4F 2B	–	0.460	0.312	M31368	AEFKN

Note: The specified characteristics apply with a coil temperature of 20°C.

Part Number	Lamp		
	Volts	Watts	Type
M30852	12	18 or 24	SL34 or SL35
M25042	12	18 or 24	SL34 or SL35
M25038	30	15	
M30851	30	15	Pair Flashing
M30853	10	50	Fibre Optic Signal

4F Contact Layout (Rear View)



4F 2B Contact Layout (Rear View)

