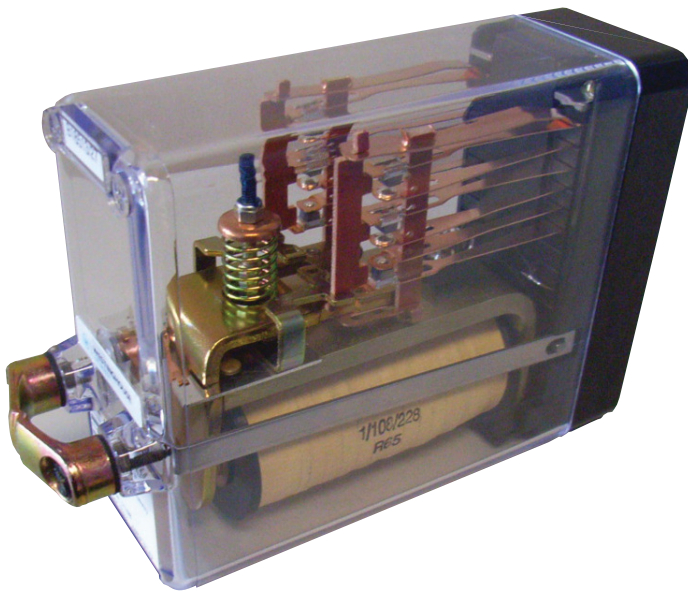


## LED Lamp Proving Relays

Style QECX20



### Application

The QECX20 relay is a BR930 style lamp proving relay for all 110 V 200 mm LED signals & medium range 140 mm LED signals.

### Operates on AC supply

Incorporates a diode bridge rectifier for operation from an ac supply.

### Plugboards

Matching drilled plugboards are available for all relays.

### Benefits

Lamp proving for LED signals

Prove 200 mm LED signals and 140 mm medium range LED signals

Used with 110 Vac supply

Safety-critical signalling relay

Meets general requirements of BR930 Series relays

Weld-free silver graphite contact sets

## Description

The QECX20 was designed as a lamp proving relay for 200 mm LED signals.

The QECX20 relay is used in series with 110 Vac LED signal modules to detect module current, indicating correct lamp operation.

It incorporates a bridge rectifier in series with the relay coil.

There are no inbuilt pick or drop delays.

## Typical Applications

- 5518/110XYR (200 mm signal module)
- Stencil Route Indicator
- Theater Route Indicator
- 5517/110XMR (140 mm signal module)

## Ordering

- QECX20 relay **B18513/27**
- Matching plugboard **M31538**

Please discuss your requirements with our Sales staff.

Specifications (at coil temperature of 20°C)		
Nominal lamp volts	110 Vac	
Contacts	4F2B	
Coil resistance	65 ohms	
Maximum full operating	45 mA	
Minimum release	20 mA	
Timing	Pick up Drop away Pick up transit Drop away transit Interruption	103.7 ms 105.0 ms 5.0 ms 3.3 ms Breaks @ 100ms
Weight	2.1 kg approx	
Plug board code holes	SBDFJ	

Contacts: F = Front, B = Back

