

Railway Signalling Relays (Metal to Carbon)

LAMP PROVING RELAYS FOR LED SIGNALS

AC CURRENT OPERATED UNIVERSAL LED ECR RELAY

STYLE- QECX-61



The relays covered in this specification are for use of railway signaling purpose. This is AC current operated tractive armature AC relay to be used as Lamp proving relays for LED signals. This relay confirms specification BRB 941A.

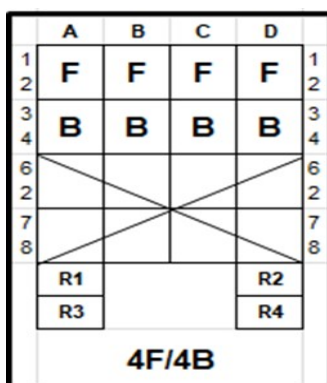
Of modular plug-in design, the relays are secured in their mating plug boards by a retaining clip. Interlocking of the relay and plugboard is achieved by a pin code registration system which ensures that only those relays having the same pin code as the plugboard can be interchanged.

The contact arrangement for each relay is as specified in the relevant BR standard and up to 16 pairs of contacts can be accommodated in the same housing, with front contacts being normally open and back contacts normally closed. Contact pairs typically consist of a domed silver tip, mating with a flat, silver/ carbon tip and all contacts are rated in accordance with the appropriate BR specification.

Operating Parameters

Contacts	Interlocking	Without LED signal		With LED signal		Coil resistance (OHM)	Contact resistance (OHM max)
		Full Operating current (mA max)	Release current (mA min)	Full Operating current (mA max)	Release current (mA min)		
4F/4B	ABDHK	108	72	90	60	28	0.210

Contact Arrangement



Interlocking Code

