

# Railway Signalling Relays (Metal to Carbon)

## AC IMMUNE DC NEUTRAL LINE RELAY

### STYLE- QNA1



The relays covered in this specification is for use of railway signaling purpose. It comprise of a neutral relay with a slug and shunt fitted on the core to provide immunity. This relay confirms specification BRB 931A.

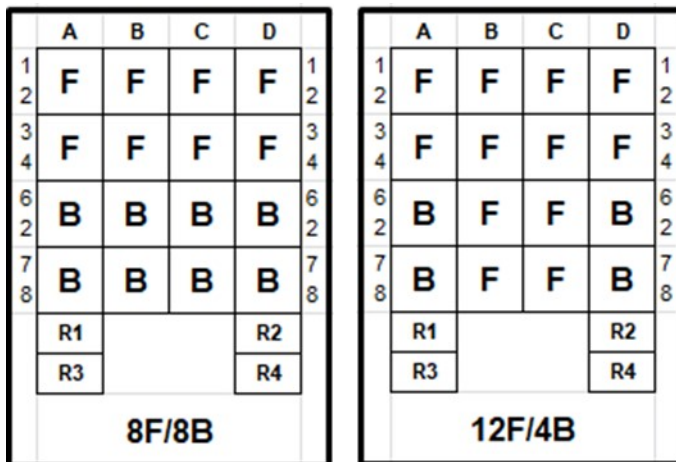
Of modular plug-in design, the relays are secured in their mating plug boards by a retaining clip. Interlocking of the relay and plugboard is achieved by a pin code registration system which ensures that only those relays having the same pin code as the plugboard can be interchanged.

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	Rated Voltage (V DC)	Full Operate (V DC max)	Release current (V DC min)	Coil resistance (OHM)	Contact resistance (OHM max)
8F/8B	ABDGH	24	19.2	4	208	0.210
12F/4B	ABDFH	24	19.2	4	208	0.210

### Contact Arrangement



### Interlocking Code

