

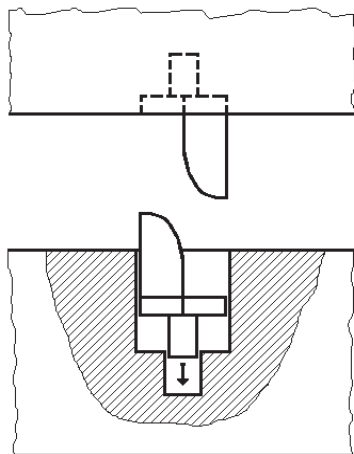


**POSITIVE MECHANICAL KEYING  
(POLARIZING PINS)**

RELAY LINE	ORDERING CODE	NOTES	
AMRA	59	These are supplied in pairs. 1 piece ordered = 2 single pins (pack containing 25 pairs)	
MTI	VC1705	These are supplied singly. 1 piece ordered = 1 single pin (pack containing 100 pcs)	

Keying pins are mechanical components of semi-hexagonal shape, designed to prevent a given relay from being plugged into a socket intended for a different component. The keying configuration is determined by fitting the pins both to the relay and to the socket, in positions identified by a dedicated code.

The hexagonal geometry of the receptacle allows the polarizing pins to be inserted in 6 different positions.



Polarizing pin on relay

Polarizing pin on socket,  
to be fitted by the customer

Whilst the use of this component is optional, it is nonetheless strongly recommended where there are multiple relays installed on an electrical panel, for example:

- two or more relays of the same model but with different input voltages
- two or more timer relays with different response and/or logic operating times (e.g. timed to operate on pick-up and timed to operate on drop-out)
- two or more instantaneous relays of different type (e.g. monostable and bistable)

In these cases, the adoption of keying position accessories will prevent any accidental inversion of the relays by the operator, which would risk damage to the system and to the components themselves, as well as jeopardizing safety.

**FITMENT AND POSITION**

Relays of standard design are not equipped with these accessories.

The mounting position of polarizing pins, if requested, is determined by the manufacturer.

*Keying pins for sockets are fitted normally by the customer.*

In this case, keying accessories for application to the socket are ordered separately.

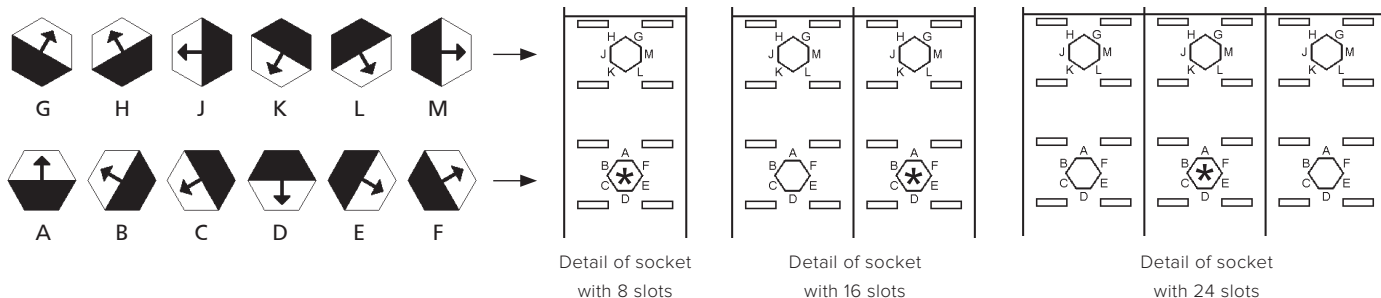
The following relays are supplied with pins fitted in positions determined by the manufacturer:

- STATIONS series, approved by ENEL / TERNA Italia to LV15/LV16/20 specifications
- RAILWAYS - FIXED EQUIPMENT series, approved by RFI (FS Italia Group) to RFI DPRIM STF IFS TE 143 A specification
- RAILWAYS - ROLLING STOCK series

# AMRA

## POSITIONS OBTAINABLE IN HEXAGONAL RECEPTACLES

### LINE

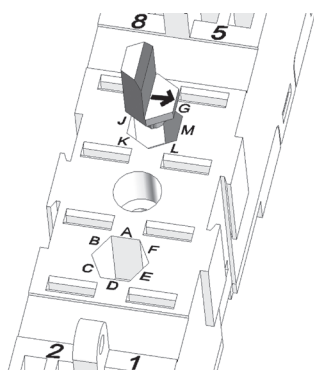


\*: receptacle to be left free in the event that the relay is fitted with an antirotation pin.

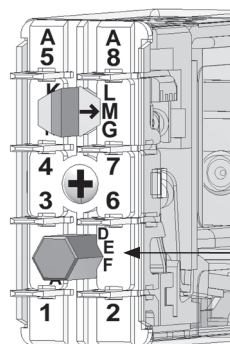
In the case of polarized input (e.g. with flyback diode), the relay is fitted with an antirotation pin (detail 60).

The antirotation pin is always fitted to the following relays:

POK, BIPOK, TRIPOK, QUADRIPOK, ESAPOK, TM, OKTx, OKRx, OKRe-L, CLE, OKRe-Fp.



Example of selection, pos. M on socket with 8 slots



Antirotation pin

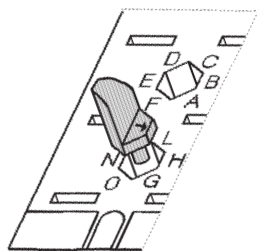
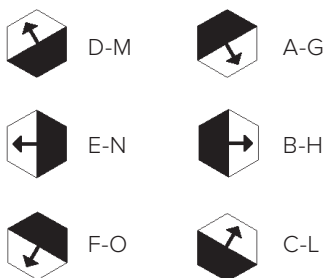
Example of selection, pos. M on POK relay

# MTI

## POSITIONS OBTAINABLE IN HEXAGONAL RECEPTACLES

### LINE

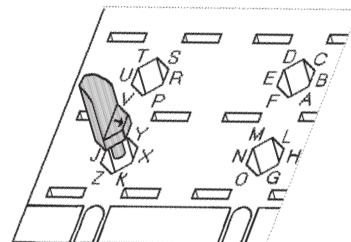
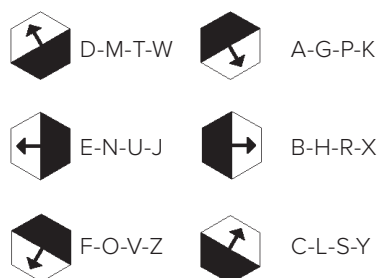
#### C line



Example of selection, pos. H

n. 2 hexagonal receptacles available on relay and on socket.

#### D line



Example of selection, pos. X

n. 4 hexagonal receptacles available on relay and on socket.

**Note:** all relays are fitted with an antirotation guide pin.