

DPCO MINIATURE INTERFACE RELAY WITH BUILT IN TEST BUTTON, FLAG INDICATOR & LED INDICATION

TYPE: HF115FP (dpcO 8 Amp)



FEATURES

- Miniature DPCO plug in interface relay
- With built in test & locking button
- With built in flag indicator
- With built in LED indicator
- DPCO contacts rated 8 Amps / 250VAC AC1
- AC & DC coil voltages

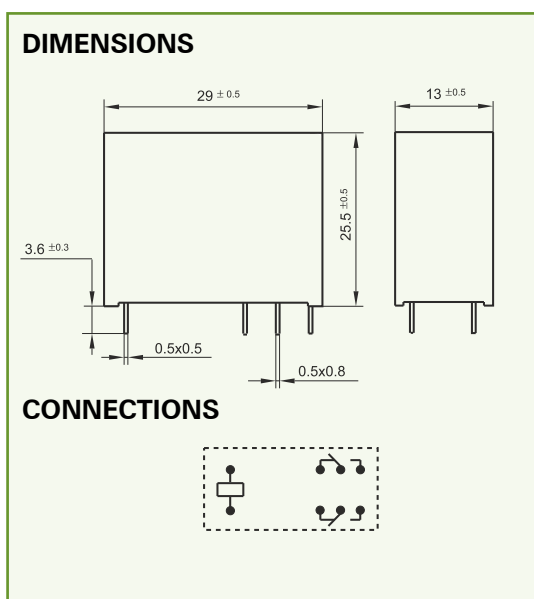


RELAY DESCRIPTION

Miniature interface relays suitable for PCB mounting or for plugging into standard 15mm wide Din rail mounted interface relay bases. Whilst being miniature in size they also as standard benefit from user friendly features such as an **integral test and locking facility, built in mechanical flag indication and a LED indicator**, these features are usually associated with larger relays. Current switching capability is 8 Amps / 250VAC AC1

SPECIFICATIONS

| | |
|----------------------------------|-------------------------------------|
| Contact type: | DPCO |
| Contact rating: | 8 Amps / 250VAC AC1 |
| Max switching voltage: | 440VAC |
| Max switching power: | 2000VA |
| Contact material: | AgNi |
| Coil power pull in: | DC 0.4W AC 0.75VA (excludes LED) |
| Operate time: | 15mSec max |
| Release time: | 8mSec max |
| Mechanical life: | 5000000 ops |
| Insulation resistance: | 1000MOhms |
| Insulation:- | |
| Coil to contacts: | 5KVAC 1 min |
| Open contacts: | 1KVAC 1 min |
| Between contact sets: | 2.5kVAC 1 min |
| Ambient temperature: | -40°C to +70°C |
| VDE approved: | Yes |
| UL approved & marked: | Yes |



ORDERING INFORMATION & COIL DATA

| P/No | COIL VOLTAGE | PULL IN VOLTAGE | RELEASE VOLTAGE | COIL CONSUMPTION* | COIL OHMS* |
|----------------|--------------|-----------------|-----------------|-------------------|------------|
| HF115FP/12VDC | 12VDC | 8.4VDC | 1.2VDC | 33.3mA | 360 |
| HF115FP/24VDC | 24VDC | 16.8VDC | 2.4VDC | 16.6mA | 1440 |
| HF115FP/24VAC | 24VAC | 18VAC | 3.6VAC | 31.6mA | 350 |
| HF115FP/110VAC | 110VAC | 86.3VAC | 17.3VAC | 6.6mA | 8100 |
| HF115FP/230VAC | 230VAC | 172.5VAC | 34.5VAC | 3.2mA | 3250 |
| | | | | * +/-10% | * +/-10% |

DIN RAIL MOUNTED SOCKETS FOR HF115FP RELAY

Fully finger protected 8 pin miniature interface relay bases. Both the **PI-50BE** and **PI-50BE/3** have rising tunnel style clamps. The **PI-50BE/3** is a "triple deck" base with the coil connections on one side of the base and all the changeover contacts on the other side, thus achieving voltage segregation. An optional marker tab (one supplied with each base) maybe fitted in up to four different positions. Also available as an option is an ejector style retaining clip.

| | |
|------------------|-----------------------------|
| P/No. | |
| PI-50BE | Standard DPCO 8 pin base |
| PI-50BE/3 | Triple deck DPCO 8 pin base |
| TR | Spare marker tab |
| MS25 | Ejector clip |



PI-50BE



PI-50BE/3

Width of Bases
15.7mm