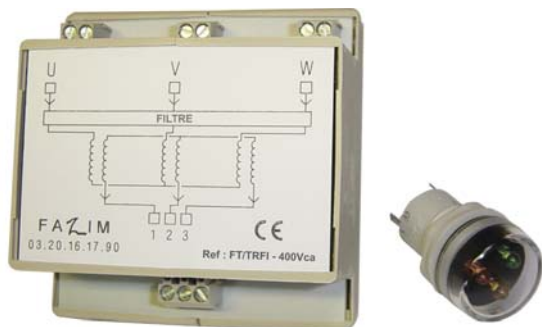


Lamp with transformer

FTTTRFI - Three-phase BTA - Ø22mm

Faz/engineering
Innovative and Industrial signage and applications

by **Fazim**/Group



Reference :

TR + VOLTAGE + CA + COLORS + 22

Example : TR400CARVJ22
+ filter option

Generalities

The three-phase **FTTTRFI** signal lamps are intended for the « three-phase voltage presence » function with an anti-harmonic filter protect. these devices are a 3 in 1 ! Thank to the converter box, the LED lamp, at very low-voltage (<48V), can be mounted on electrical cabinet door with safety.

Description

- Body : Co-polyamide , fixing plastic nut, diameter 22 mm (0.866"), IK10, IP67 in front face, through the flat gasket provided, RoHS compliant, CE, UL 94 V-0.
- Front face : 3 color LED : red (R), green (V), yellow (J), white (Bc), ou blue (Be) high brightness, + 1 transparent cap.
- Converter enclosure : beige polyamide PA6 (UL 94-HB), rail DIN foot black polyamide PA66 (UL 94-V2).

Technical specifications

- BTA voltages (<500Vca) (+/-20%) 50/60Hz, and consumptions :

Voltages	110Vac	127Vac	230Vac	400Vac	440Vac	460Vac	490Vac
Colors							
Cutoff frequencies	2.9 Khz	2.9 Khz	2.9 Khz	2.9 Khz	2.9 Khz	2.9 Khz	2.9 Khz
R, J, I, O	3.2 VA Cos φ : 0.5 Capacitive	3.6 VA Cos φ : 0.5 Capacitive	6.6 VA Cos φ : 0.5 Capacitive	11.3 VA Cos φ : 0.5 Capacitive	12.5 VA Cos φ : 0.5 Capacitive	13 VA Cos φ : 0.5 Capacitive	13.9 VA Cos φ : 0.5 Capacitive
V, B, Bc	3.2 VA Cos φ : 0.5 Capacitive	3.6 VA Cos φ : 0.5 Capacitive	6.4 VA Cos φ : 0.5 Capacitive	11.2 VA Cos φ : 0.5 Capacitive	11.3 VA Cos φ : 0.5 Capacitive	12.9 VA Cos φ : 0.5 Capacitive	13.7 VA Cos φ : 0.5 Capacitive

(see also versions with lamp Ø30mm and no filtered «FTTTR»)

- Conformities : Norms EN55015, EN61547, EN61000-6-2, EN61000-6-4, RoHS, Reach, CE.
- Lifetime (MTBF*) : 100 000 hours.
- Operating temperature : -30°C à +70°C (22°F to 158°F).
- IP protection standard : IP67 (lamp).
- IK protection standard : IK10 (lamp).

(* : mean time between failure)

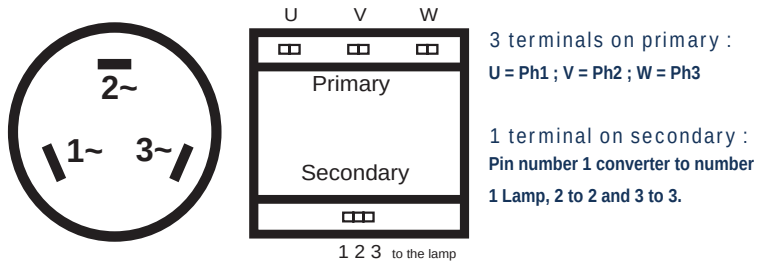
Advantages

- Insensitivity to vibrations, mechanical shocks.
- Resistance to moisture and water splashes.
- Electrical shocks resist : 5KV during 50µs.
- Immunity against magnetic fields.
- Assembly and disassembly easy, fast and secure .
- Exceptionally long life and unparalleled.
- Low power consumption and heat dissipation.
- Custom writing, custom silk-screen printing ability.



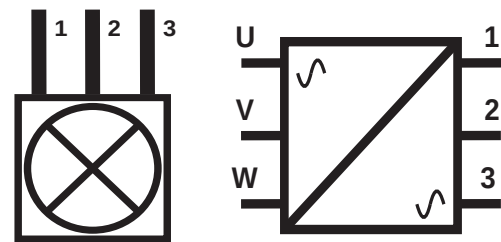
Connections

- Lamp : 3 quick-fits male 6.3mm (0.248")
- Converter : 4 screw terminals.



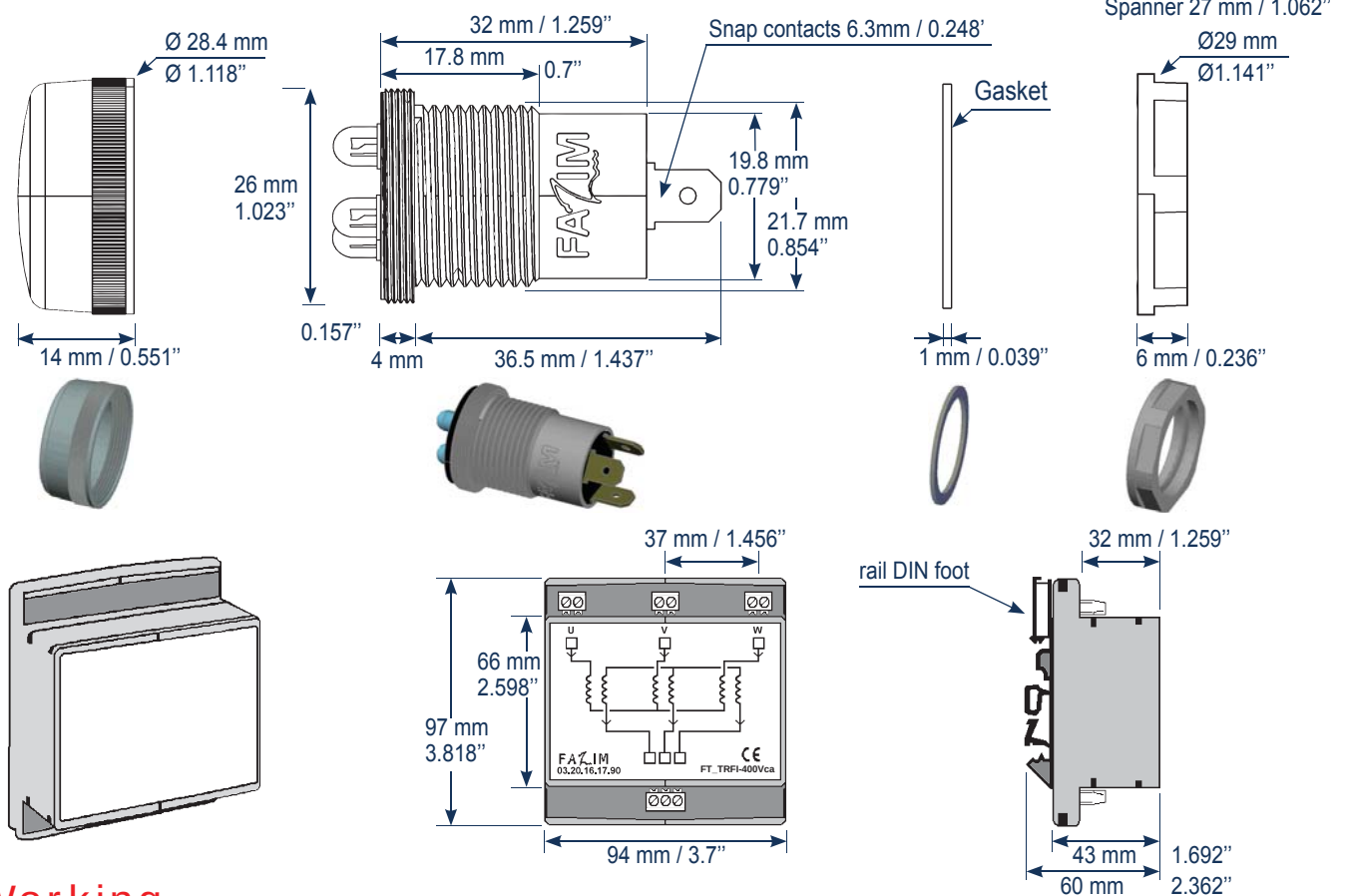
Electrical symbol

- Internal electrical wiring wye



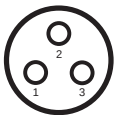
Mechanical specifications

- Fixing : standard drilling Ø22mm +/-0.5mm ; (Ø 0.866").

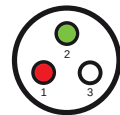


Working

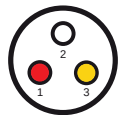
- Off :



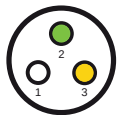
- On :



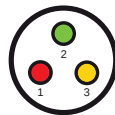
Ph1 + Ph2



Ph1 + Ph3



Ph2 + Ph3



Ph1 + Ph2 + Ph3

Options & warranty

- Options : Other voltages and frequencies on request, other cutoff frequencies values, color LED (Pink Ro and Purple Vi), color cap, output wiring terminals, snap contact with screw or a connector of your choice...
- Warranty : 24 months manufacturer. No Quick-Fit Terminal Male must be welded or lose the guarantee.
- Recommendation : The Quick-Fit Terminal Male must be completely covered with isolation that can be removed only by destruction.