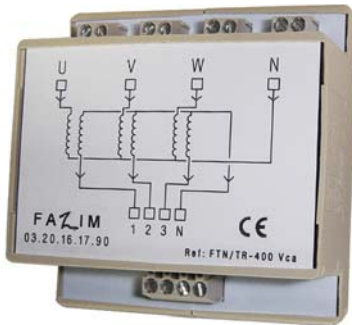


Lamp with transformer

FTHNTR - Three-phase BTA - Ø30mm



Reference :

HNTR + VOLTAGE + CA + COLORS + 30

Example : HNTR400CARVJ30

Generalities

We present here the three-phase FTHNTR signal lamps ! It is intended for the « three-phase voltage presence ». FTHNTR to Fixed light, Three-phase, LED arranged in Horizontal, T Ransformer and wiring Neutral. it's a 3 in 1 ! The LED lamp, very low-voltage (<48V), can be mounted on electrical cabinet door with safety.

Description

- Body : Co-polyamide , fixing plastic nut, diameter 30 mm (1.181"), IK10, IP67 in front face, through the flat gasket provided, RoHS compliant, CE, UL 94 V-0. (also available with LED lamp diameter 22 mm).
- Front face : 3 color LED : red (R), green (V), yellow (J), white (Bc), ou blue (Be) high brightness, + 1 transparent cap. See also FTHNTR version, with LED arranged in horizontal.
- Converter enclosure : beige polyamide PA6 (UL 94-HB), rail DIN foot black polyamide PA66 (UL 94-V2).

Technical specifications

- Supply voltages between 2 phases and consumptions for 1 (+/-20%), 50/60Hz :

| Voltages | 110Vac | 127Vac | 230Vac | 400Vac | 440Vac | 460Vac | 490Vac |
|------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|---------------------------------|---------------------------------|
| Colors | | | | | | | |
| R, J, I, O | 330 mVA Cos φ : 0.7 Inductive | 440 mVA Cos φ : 0.7 Inductive | 1.38 VA Cos φ : 0.7 Inductive | 4.15 VA Cos φ : 0.7 Inductive | 5 VA Cos φ : 0.19 Capacitive | - Cos φ : 0.19 Capacitive | - Cos φ : 0.19 Capacitive |
| V, B, Bc | 330 mVA Cos φ : 0.7 Inductive | 440 mVA Cos φ : 0.7 Inductive | 1.38 VA Cos φ : 0.7 Inductive | 4.15 VA Cos φ : 0.7 Inductive | 5 VA Cos φ : 0.19 Capacitive | - Cos φ : 0.19 Capacitive | - Cos φ : 0.19 Capacitive |

(See also BTB voltages, 500 Vac to 1000Vac and filter versions "FI")

- 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)

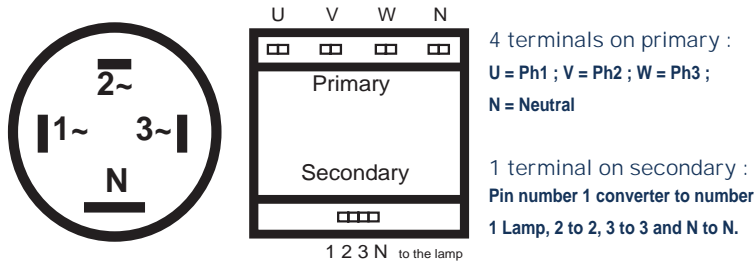
Advantages

- 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.


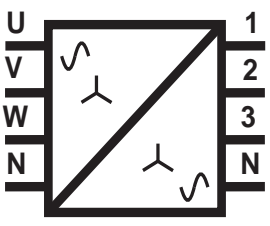


Connections

- Lamp : 3 quick-fits male 2.8mm (0.110") + 6.3mm (Neutral)
- Converter : 5 screw terminals.

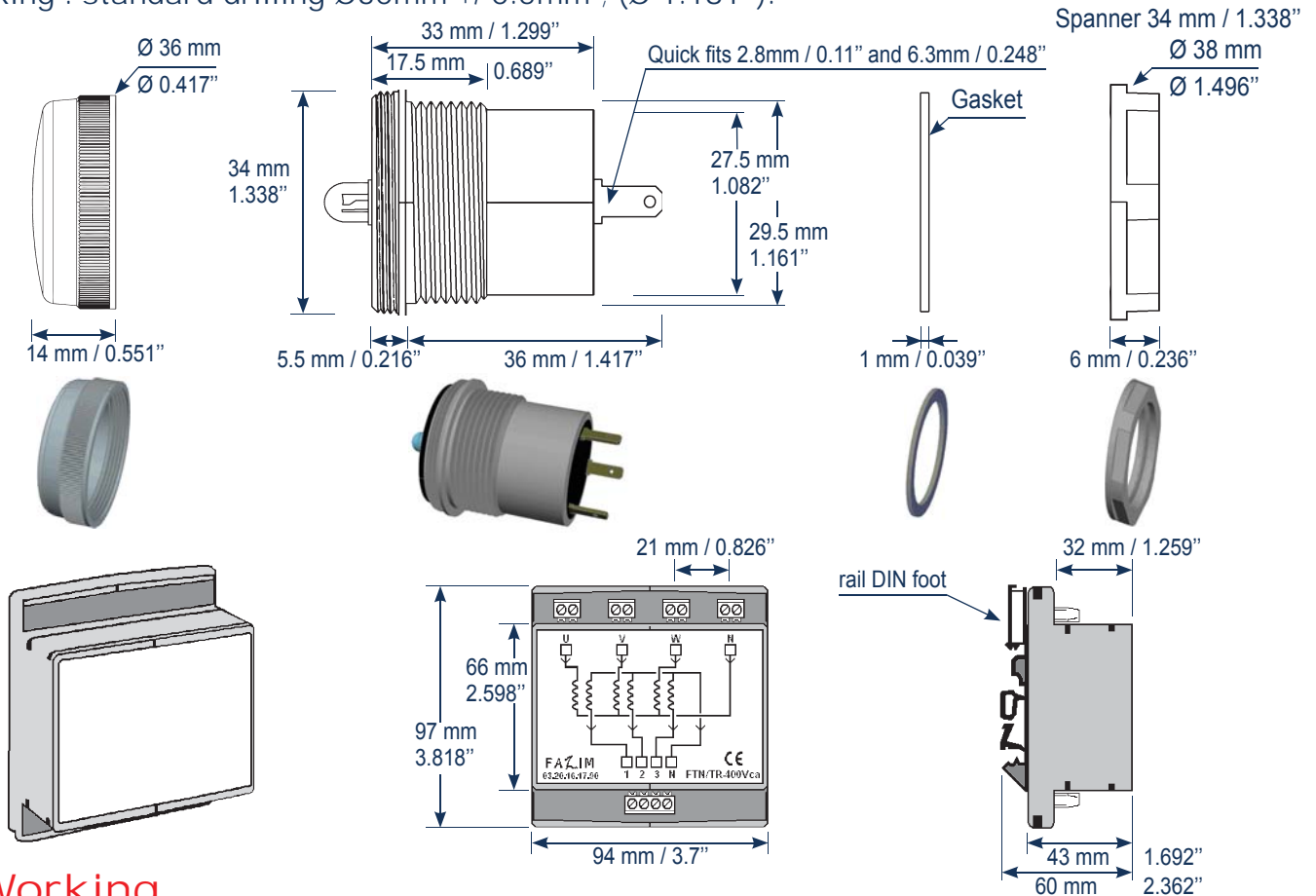


Electrical symbol

- Internal electrical wiring star
- Lamp :  Converter : 

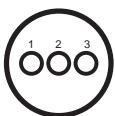
Mechanical specifications

- Fixing : standard drilling $\varnothing 30\text{mm} \pm 0.5\text{mm}$; ($\varnothing 1.181''$).



Working

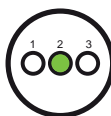
- Off :



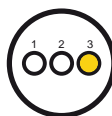
- On :



N + Ph1



N + Ph2



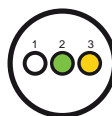
N + Ph3



Ph1 + Ph2



Ph1 + Ph3



Ph2 + Ph3



Ph1 + Ph2 + Ph3 or
 Ph1 + Ph2 + Ph3 + N

Options & warranty

- Options : Other voltages and frequencies on request, anti harmonic filter, color LED, color cap, output wiring terminals or snap contact with screw...
- 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.