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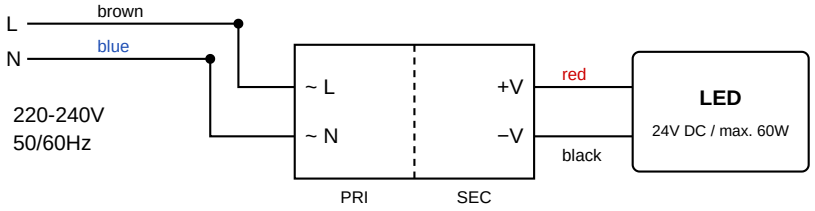
MADE IN BELGIUM 04/11/2026 - VERSION 1

40092: CONVERTER 230V LED 24V 60VA IP67

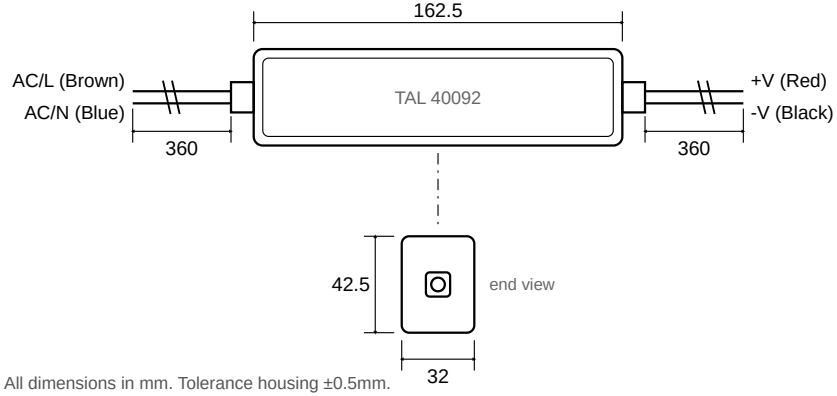
■ Features :

- Constant voltage design, 24V DC output
- Wide AC input range 176–264VAC
- Built-in active PFC, power factor ≥ 0.95
- High efficiency up to 89%
- Flicker-free output (Pst ≤ 1, SVM ≤ 0.4)
- Protections: Short circuit / Overload / Over temperature
- Input surge protection 2kV line-line
- Cooling by free air convection
- Compact plastic case, waterproof IP67
- SELV output
- Suitable for LED strip applications
- 3 years warranty

WIRING DIAGRAM



DIMENSIONS



All dimensions in mm. Tolerance housing ±0.5mm.

SPECIFICATION

IP67 SELV

OUTPUT	**DC VOLTAGE**	24V
	CURRENT RANGE	0 ~ 2.5A
	RATED POWER	60W
	VOLTAGE ACCURACY	±5%
	RIPPLE HF (≥ 1kHz)	±5% (Note.2)
	RIPPLE LF (≤ 120Hz)	±5%
	FLICKER	SVM ≤ 0.4 / Pst ≤ 1
	EFFICIENCY (Typ.)	89%
INPUT	**RATED VOLTAGE**	220 ~ 240VAC
	VOLTAGE RANGE	176 ~ 264VAC
	FREQUENCY RANGE	47 ~ 63Hz
	POWER FACTOR	0.95 (230VAC, full load) / displacement factor ≥ 0.9
	AC CURRENT (max.)	0.43A
	INRUSH CURRENT	44.2A peak / 229.5µs width
	MAX. NO. ON MCB	B10: 8 · B16: 12 · B20: 16 · C10: 13 · C16: 21 · C20: 26 pcs
	START-UP TIME	< 0.5s
	NO LOAD POWER	≤ 0.5W
	THD (Typ.)	< 5%
PROTECTION	**OVERLOAD**	110 ~ 150% rated output power, auto-recovery
	SHORT CIRCUIT	Yes, auto-recovery
	OVER TEMPERATURE	Yes, auto-recovery
ENVIRONMENT	**WORKING TEMP.**	-40 ~ +70°C
	Tc MAX.	90°C
	WORKING HUMIDITY	20 ~ 90% RH
	STORAGE TEMP.	-40 ~ +85°C
	LIFETIME	> 50 000h @ Tc = 80°C
SAFETY & EMC	**STANDARDS**	EN 61347-1, EN 61347-2-13, EN 62384, EN 61547, EN 55015, EN 61000-3-2, EN 61000-3-3
	APPROVALS	CE, CB, ENEC, SELV
	INGRESS PROTECTION	IP67
OTHERS	**DIMENSION**	162.5 × 42.5 × 32 mm (L × W × H)
	INPUT CABLE	0.36m, H05RN-F 2 × 1.0mm², brown (L) / blue (N)
	OUTPUT CABLE	0.36m, H05RN-F 2 × 1.0mm², red (+V) / black (-V)
	ErP / RoHS	EU 2019/2020 · RoHS 2011/65/EU, (EU) 2015/863
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C ambient temperature. 2. Ripple & noise are measured at 20MHz bandwidth using a 300mm twisted pair-wire terminated with a 0.1µF & 47µF parallel capacitor. 3. The converter meets the EMI specifications above, but the EMI performance of a complete luminaire also depends on the other components in the fixture. 4. When performing a withstand voltage test, the gas discharge tube grounding device (nut and metal lock piece) on the input must be temporarily removed (ref. IEC 60598-1-10.2) and reinstalled afterwards. 5. Max. number on MCB: values at 230VAC; cold start.	