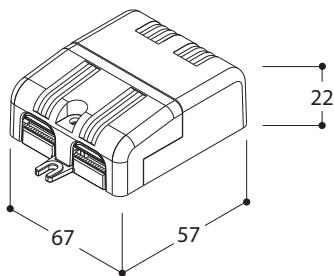


| | |
|------|--|
| ref | 930591 |
| name | POWERLED CONVERTER 6W 350mA DIMMABLE 1-10V |



REFERENCE NORMS

| |
|---------------------|
| EN 50172 (VDE 0108) |
| EN 55015 |
| EN 61000-3-2 |
| EN 61000-3-3 |
| EN 61347-1 |
| EN 61347-2-13 |
| EN 61547 |
| VDE 0710-T14 |

SPECIFICATIONS (in)

| | |
|--------------------|------------|
| Rated voltage | 220 ÷ 240V |
| Frequency | 50...60Hz |
| AC Operation range | 198 ÷ 264V |
| TC Operation range | 176 ÷ 264V |

SPECIFICATIONS (out)

| | |
|---------------|---------|
| P out (W) | 6 |
| V out DC | 2-18 |
| I out DC (mA) | 350 |
| ta (°C) | -25 +50 |
| tc (°C) | 70 |
| λ | 0,6 C |

FEATURES

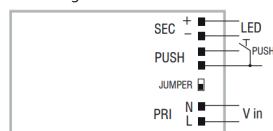
- IP20 independent driver, for indoor use.
- Class II protection against electric shock for direct or indirect contact.
- Current regulation ±5 % including temperature variations.
- Supplied with terminal cover and cable retainer.
- Input and output terminal blocks on the same side, terminal cross-section:
 - 2,5 mm² / AWG13 on primary;
 - 1,5 mm² / AWG15 on secondary;
 - 1,5 mm² / AWG15 on regulation.
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3mm - max. 8mm.
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads.



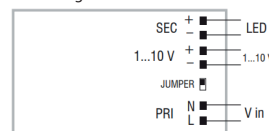
ALWAYS DISCONNECT MAINS POWER SUPPLY FROM CONVERTER BEFORE SWITCHING "ON" LED LUMINAIRES TO PREVENT HOT PLUGGING ISSUES!

WIRING DIAGRAM

PUSH diagram



1-10V diagram



OPERATION MODE

- Light regulation 0/0,5 - 100 % by means of PUSH LV function, 0/1-10V interface (<2 mA) or 100 Kohm potentiometer.
- Dimming mode selection (1-10 V or Push) by Jumper below the cover.
- Light regulation 0/0,5 - 100 % by means of PUSH function (secondary, push button 24V):
 - a short push to turn on and off;
 - a longer push to increase or decrease light intensity;
 - regulation automatically stops at minimum and maximum values;
 - for another on, regulation or off command, release the push button and give the desired command again;
 - dimming level memory at supply restore.
- Maximum length of the cable, from push button to last driver, must be max. 15 m / 49 ft. In case of applications where the cable is longer than 15 m / 49 ft, keep this separate from the 100 - 240 V mains cable.
- ATTENTION: only use normally open push buttons with no incorporated warning light.
- Specific dimming terminal connection with a 0/1...10 Vdc electronic potentiometer (0/1-10V local dimming, double insulation required for external connection).

INSTALLATIE- EN ONDERHOUDSRICHTLIJNEN m.b.t. FABRIEKSGARANTIE.

1. DE VERBINDINGEN EN HET UITTESTEN VAN DEZE TOESTELLEN DIENEN ALTIJD TE GEBEUREN DOOR EEN ERKEND ELECTRO-INSTALLATEUR.
2. DEZE VERLICHTINGSTOESTELLEN MOETEN GE-INSTALLEERD, VERBONDEN EN GETEST WORDEN VOLGENS DE NATIONAAL GELDENDE REGLEMENTEN OP DE ELECTRICHE INSTALLATIES (BELGIE?, A.R.E.I., DUISLAND: DIN VDE 0100 TEIL 559 A2, ...; DEZE OPSOMMING IS LOUWER INFORMATIEF)
3. DE TECHNISCHE BIJSLUITER MOET GEZIEN WORDEN ALS ONDERDEEL VAN DE ALGEMENE VERKOOPVOORWAARDEN VAN TAL N.V.
4. DE ELECTRO-INSTALLATEUR IS VERANTWOORDELIJK VOOR HET GEBRUIKEN VAN VOORSCHAKELAPPARATUUR DIE VOLDOET AAN DE GELDENDE CE EN EMC NORMEN.
5. VERVANG DE LAMP (-EN) ALTIJD MET DE GROOTSTE ZORG, ZE IS (ZIJN) UITERST BREEKBAAR.
6. OPGEPAST: PLAATS NOOIT DE LAMP MET BLOTE HANDEN, GEBRUIK ALTIJD EEN DOEK!

INSTALLATION AND MAINTENANCE INSTRUCTIONS IN VIEW OF THE MANUFACTURER'S GUARANTEE.

1. THE CONNECTION AND TESTING OF THE DEVICES SHOULD ALWAYS BE PERFORMED BY A RECOGNIZED ELECTRICIAN.
2. THESE LIGHTING DEVICES NEED TO BE INSTALLED, CONNECTED AND TESTED FOLLOWING THE OFFICIAL NATIONAL INSTRUCTION GUIDE FOR ELECTRICAL INSTALLATIONS (BELGIUM, A.R.E.I., GERMANY: DIN VDE 0100 TEIL 559 A2, ...; THIS ENUMERATION IS JUST AN INDICATION)
3. THIS TECHNICAL ENCLOSURE NEEDS TO BE ADDED TO THE GENERAL SALES CONDITION OF THE TAL N.V.
4. THE ELECTRO TECHNICIAN IS RESPONSABLE TO USE BALLASTS, TRANSFORMERS,...WHICH MEET THE VALID CE AND EMC RULES.
5. ALWAYS REPLACE THE LAMP (-S) WITH UTMOST CAUTIOUSNESS, THE LAMP (-S) IS (ARE) VERY FRAGILE.
6. ATTENTION: NEVER REPLACE THE LAMP WITH BARE HANDS, ALWAYS USE A CLOTH!

MONTAGE- UN UNTERHALT INSTRUCTIONEN ZU BEACHTEN MIT BEZUG AUF DER GARANTIE.

1. DIE MONTAGE, DER ANSCHLUSS UND DAS AUSTESTEN DER LEUCHTEN SOLL IMMER VON EINEM ZUSTAENDIGEN ELECTRO-INSTALLATEUR AUSGEFUHRT WERDEN.
2. DIESE LEUCHTEN MUSSSEN INSTALLIERT, ANGESCHLOSSEN UND GETESTET WERDEN NACH DER ALLGEMEINEN NAZIONALEN REGLEMENTATION UBER DIE ELEKTRISCHE INSTALLATIONEN (BELGIEN, A.R.E.I., DEUTSCHLAND: DIN VDE 0100 TEIL 559 A2, ...; DIESE AUFSTELLUNG GESCHICHT DURCH EXEMPLATIVEN TITEL UND KANN NICHT ALS LIMITATIV ODER EXHAUTIV BETRACHTET WERDEN).
3. DIESE TECHNISCHE GEBRAUCHSANWEISUNG GEHORT ZU DEN ALLGEMEINEN VERKAUFSBEDINGUNGEN VON TAL N.V.
4. DER ELEKTRO-INSTALLATEUR IST VERANTWORTLICH FUR DAS VERWENDEN VON CE UND EMC GEPRUFTE VORSCHALTGERATE.
5. DIE LAMPE(-N) SOLL(-EN) IMMER SERH VORSICHTIG ERSAETZT WERDEN.
6. VORSICHT: MAN DARF NIE DIE LAMPE MIT DEN NACKTEN HAENDEN BERUHREN, MAN SOL IMMER EINEN TUCH BENUTZEN !

INSTRUCTIONS D'INSTALLATION ET D'ENTRETIEN A RESPECTER VIS-A-VIS DE LA GARANTIE.

1. LE PLACEMENT, LE RACCORDEMENT ET L'ESSAI DE CET APPAREIL DOIVENT TOUJOURS E^TRE EFFECTUES PAR UN INSTALLATEUR ELECTRICIEN AGREE.
2. LES LUMINAIRES DOIVENT E^TRE INSTALLEZ, BRANCHES ET TESTES SUIVANT LE REGLEMENT NATIONAL SUR LES INSTALLATIONS ELECTRIQUES EN VIGUEUR. (BELGIQUE, A.R.E.I., ALLEMAGNE: DIN VDE 0100 TEIL 559 A2, ...; CETTE ENUMERATION EST INDICATIVE)
3. CE MANUEL D'INSTALLATION TECHNIQUE REPRESENTE UNE PARTIE DES CONDITIONS GENERALES DE VENTE DE TAL N.V.
4. L'ELECTRO-INSTALLATEUR EST RESPONSABLE POUR L'USAGE DE BALLASTS, TRANSFO S,...CONFORMES AUX NORMES CE ET EMC EN VIGUEUR.
5. REMPLACEZ TOUJOURS L'AMPOULE (LES AMPOULES) AVEC PRUDENCE; ELLE(-S) EST (SONT) TRES FRAGILE (-S).
6. ATTENTION: NE JAMAIS REMPLACER L'AMPOULE AUX MAINS NUES, UTILISEZ TOUJOURS UN CHIFFON !