PRODUCT DATASHEET
DR T DS V 28/350-700/40 BK

CONSTANT CURRENT TRACK - VALUE | Track constant current LED driver with dip-switch current setting



VALUE CLASS

Areas of application

- Suitable for LED luminaires and LED modules
- Applicable for luminaires of protection class II
- Suitable for indoor SELV installations

Product benefits

- High flexibility due to adjustable output currents via dip switch (8 currents)
- Low flickering enables high light quality as well as good visual comfort
- Flexible dip switch current settings on device in 50 mA steps

Product features

- Available in 20 W, 28 W and 40 W
- Very long lifetime of up to 100,000 h
- Type of protection: IP20
- Low ripple current < 5%
- Supply voltage: 220…240 V
- ENEC-certified safety
- Safety according to EN 61347-1, 61347-2-13, 62384

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TECHNICAL DATA

Electrical data

Nominal wattage	28.00 W
Nominal voltage	220…240 V
Nominal output voltage	27…40 V
Input voltage range	198…264 V
Input voltage AC	198…264 V [1)]
Nominal output current	350…700 mA
Inrush current	15.4 A
Output current tolerance	5 %
Output ripple current (100 Hz)	< 5 %
Output ripple current (120 Hz)	5 %
Mains frequency	50…60 Hz
Total harmonic distortion	< 15 %
Power factor λ	<0.97
ECG efficiency	88 % [2)]
Surge capability (L-N)	1 kV
Operating frequency	50/60 Hz
Power loss in stand-by mode	< 0.5 W
Flickering metric (Pst LM)	<1

1) Permitted voltage range

2) Max value at full load 220...240V, 50Hz

Photometrical data

Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4

Dimensions & Weight

Length	167.00 mm
Width	45.50 mm
Height	33.00 mm
Product weight	107.00 g

Colors & materials

Product color	Black
Casing material	Polycarbonate (PC)
Body material	Polycarbonate (PC)

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Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	85 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	10…93 %

Lifespan

ECG lifetime	100000 h / 50000 h [1)]
Number of switching cycles	100000

1) at Tc=70 °C / at Tcmax=85 °C

Capabilities

Dimmable	No
Overheating protection	No

Certificates & Standards

Standards	CE / EAC / UKCA / ENEC / CB
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Disconnect mains before installation.
- Do not open enclosure-housing.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert G11205865
PDF	Declarations of conformity	DR T DS V
PDF	Declarations of conformity UKCA	DR T DS V

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854674488	Unpacked 1			
4099854674495	Shipping box 38	347 mm x 277 mm x 189 mm	4631.00 g	18.17 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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