

FTPC100V24-S-DA6

POS LED Driver 24V/4.1A CV DALI Type 6, Push Dimming,
linear plastic case



■ FEATURES / CECHY:

- Constant voltage design, PWM style output
- European AC input voltage range
- Protections: Overload/Short-circuit/Over voltage/Over temperature
- Linear shape and Cooling by free air convection
- Isolation class II, built-in active PFC function
- DALI-2 (DT6) and push dimming function. Dimming range: 1-100%



ELECTRICAL SPECIFICATION

Product Type	Power supply, LED Driver
Output Voltage	24V DC
Rated Current	4.16 A
Power (W)	100 W
Dimming	PUSH, DALI
Voltage Ripple & Noise (max.)	720mVp-p
Line Regulation	± 1%
Load Regulation	± 1%
Setup, Rise Time	500ms, 100ms/230VAC at full load
AC input voltage range	European
PFC	Yes
Protection class	II
Efficiency (typ.)	93%
AC Current (typ.)	0.9 A
No Load Power Consumption (typ. / max.)	0.45W / 0.5W
Inrush Current (typ.)	70A / 230VAC; Twidth = 450µs
IP protection level	IP20
Over Current / Overload protection (range)	110 ÷ 160%
Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection	Type: auto-recovery.
Over Voltage protection (range)	Max. 36V DC
Over Temperature protection	Type: shut down output voltage. Re-power on to recovery.
Over Voltage protection	Type: shut down output voltage. Re-power on to recovery.
Working Temperature range	-20°C ÷ +45°C

Working Humidity range	10 ÷ 90% RH non-condensing
Storage Temperature and Humidity	-40°C ÷ +85°C, 5 ÷ 95% RH non-condensing
Safety Standards	EN 61347-2-13, Compliance to EN 61347-1
Withstand Voltage	IN/OUT: 3750VAC / 5mA, 60s
Isolation Resistance	IN/OUT: ≥ 10MΩ / 500VDC
EMC Emission	Compliance to EN55015
EMC Immunity	Compliance to EN61547
Harmonic Current	Compliance to EN61000-3-2 Class C
Dimensions (L x W x H)	336.6 x 30 x 18.2 mm
Warranty	5 years
Mounting	surface
Programmable	No

MECHANICAL SPECIFICATION

