

PRODUCT DATASHEET OT FIT 150/220-240/12 P

CV Power supplies 12 V | CV Power supplies 12 V



Areas of application

- Suitable for indoor and outdoor installations
- Ideal for mounting in very tight spaces

Product benefits

- Versatile scope of application due to output power range of up to 300 W
- Very high efficiency
- IP rating: up to IP67
- High surge protection: up to 6 kV (L-N) / 6 kV (L/N-PE)

TECHNICAL DATA

Electrical data

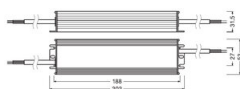
Nominal wattage	150.00 W
Nominal output power	150 W
Nominal voltage	220...240 V
Nominal output voltage	12.5 V
Input voltage AC	198...264 V
U-OUT (working voltage)	13 V
Nominal current	0.85 A
Inrush current	55 A ¹⁾
Mains frequency	50/60 Hz
Total harmonic distortion	< 5 % ²⁾
Power factor λ	0.95 ³⁾
Device power loss	14.8 W
Max. ECG no. on circuit breaker 10 A (B)	9
Max. ECG no. on circuit breaker 16 A (B)	16
Max. ECG no. on circuit breaker 25 A (B)	10
Surge capability (L/N-Ground)	6 kV
Surge capability (L-N)	6 kV
Galvanic isolation	SELV

1) At Full Load, 240VAC, Cold Start Duration=500uS 50% Ipk – 50% Ipk

2) At full load, 230 V, 50 Hz / see graphs

3) Typical, Full load, 230 VAC, 50 Hz / 60 Hz

Dimensions & Weight



Length	202.00 mm
Mounting hole spacing, length	188,0 mm
Width	53.00 mm
Height	31.50 mm
Cable cross-section, input side	1 mm ² ¹⁾
Cable cross-section, output side	1.5 mm ² ²⁾
Wire preparation length, input side	60 mm

Wire preparation length, output side	10,0 mm
Product weight	920.00 g

1) H05RN-F/3x1.0 mm²

2) H07RN-F/2X1.5mm²

Colors & materials

Casing material	Metal
Body material	Metal

Temperatures & operating conditions

Ambient temperature range	-40...+50 °C ¹⁾
Maximum temperature at tc test point	90 °C
Max.housing temperature in case of fault	-
Permitted rel. humidity during operation	5...85 % ²⁾

1) At fullload, T_c not exceeded

2) Non-condensing

Lifespan

ECG lifetime	50000 h ¹⁾
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1) T_c = 80°C, 0.2% / 1,000 h failure rate

Capabilities

Dimmable	No
Dimming interface	Not dimmable
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
No-load proof	Yes
Short-circuit protection	Automatic reversible
Suitable for fixtures with prot. class	I / II
Type of connection, output side	Wires

Certificates & Standards

Approval marks – approval	CE / CCC / ENEC / RCM / TISI
Standards	Acc. to EN 61347-2-13 / Acc. to EN 55015 / Acc. to EN 61547 / Acc. to EN 61000-3-2 / Acc. to EN 61000-3-3 / Acc. to EN 60598-1 / Acc. to EN 62384 / Acc. to EN 61347-1
Protection class	I
Type of protection	IP66/IP67

LOGISTICAL DATA

Temperature range at storage

-40...+85 °C

DOWNLOAD DATA**DOWNLOAD DATA**

User instruction

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4062172133500	Unpacked 1		920.00 g	
4062172133517	Shipping box 15	349 mm x 284 mm x 153 mm	14185.00 g	15.16 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.