

PRODUCT DATASHEET

75/220...240/24

CV Power supplies 24 V



AREAS OF APPLICATION

- Suitable for indoor and outdoor SELV installations
- Outdoor applications only in suitable installations
- Suitable for use in tight, flat luminaires or installation in suspended ceilings

PRODUCT BENEFITS

- Versatile scope of application due to output power range of up to 240 W
- Very high efficiency and reliability
- Constant luminous flux for very low and high temperatures due to Smart Power Supply

TECHNICAL DATA

Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage AC	198...264 V ¹⁾
Total harmonic distortion	< 20 %
Power factor λ	0.97
ECG efficiency	90 % ²⁾
Device power loss	9.0 W ³⁾
Protective conductor current	<2.0 mA
Inrush current	41 A ⁴⁾
Max. ECG no. on circuit breaker 10 A (B)	7
Max. ECG no. on circuit breaker 16 A (B)	11
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L-N)	1 kV
Nominal output voltage	24 V ⁵⁾
U-OUT (working voltage)	24 V
Nominal output power	75 W ⁶⁾
Galvanic isolation	SELV equivalent
Galvanic isolation primary/secondary	3 kV ⁷⁾

¹⁾ Permitted voltage range

²⁾ At full load and 230 V

³⁾ Maximum at 230 V AC, P_{out} = maximum, Ta=25 °C, steady state

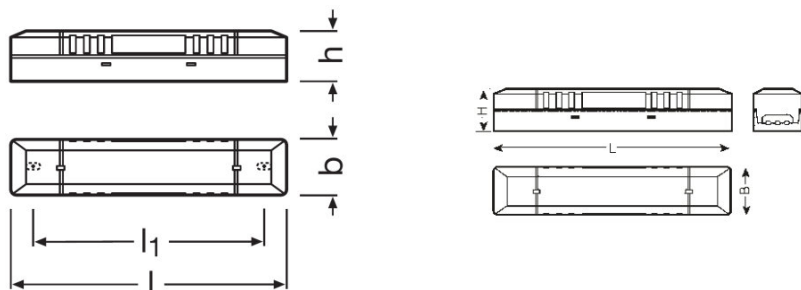
⁴⁾ t_{width} = 200 μs (measured at 50 % I_{peak})

⁵⁾ +1.0/-0.5 V / Line ripple maximum ±0.2 V

⁶⁾ Partial load 0...75 W

⁷⁾ SELV-equivalent

Dimensions & weight



Length	220.0 mm
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Width	47.0 mm
Height	44.0 mm
Mounting hole spacing, length	180.0 mm
Product weight	290.00 g
Cable cross-section, input side	0.75...1.5 mm ² ¹⁾
Cable cross-section, output side	0.5...1.5 mm ² ¹⁾
Wire preparation length, input side	6.0 mm
Wire preparation length, output side	6.0 mm
Cable/wire length, input side	-
Cable/wire length, output side	-

¹⁾ Solid or flexible leads

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	80 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	5...85 %

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At $T_{case} = 80^{\circ}C$ at T_c point / 10% failure rate

Additional product data

Encapsulated	No
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Capabilities

Dimmable	No
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	10 m
Suitable for fixtures with prot. class	II / I
Type of connection, output side	Screw terminal

Certificates & standards

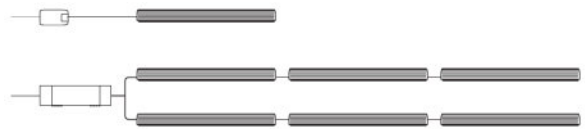
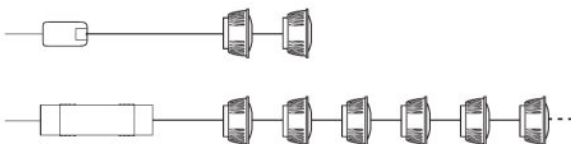
Approval marks – approval	CE / ENEC 10 / VDE / VDE-EMC / C-Tick
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Standards	Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to EN 55015/Acc. to IEC 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61547
Protection class	I
Type of protection	IP20

Logistical data

Temperature range at storage	-40...85 °C
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Wiring Diagram



Wiring diagram

Wiring diagram

DOWNLOAD DATA

File	
	Addon Technical Information 313226_ADDON TECHNICAL INFORMATION OT 75220-24024 VS10 OSRAM (GB)
	Certificates 730563_VDE Certificate
	Declarations of conformity 334875_Declaration of conformity OT 75220-24024
	CAD data 3-dim 313470_220x47x44 9900016
	CAD data 3-dim 313501_220x47x44 9900016
	CAD data 3-dim 314272_220x47x44 9900016



CAD data PDF
313401_220x47x44 9900016

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300817477	75/220...240/24	Shipping carton box 10	252 mm x 118 mm x 246 mm	7.32 dm ³	3135.50 g

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.