

OT 20/230-240/24

Electronical stabilized LED Power Supply

Technical Information

Edition: Nov. 2005

subject to change

Technical data:

Reference:	OT 20/230-240/24
For LED modules:	With respect to the output conditions: LINEARlight Flex, EFFECTlight and appropriate modules
Line voltage, nominal:	230V / 240V
Line current, nominal:	0,2 A _{eff}
Line frequency:	0/50/60 Hz
Output voltage:	DC voltage 24V ± 1,0V electronically stabilized, line ripple max. ± 0,2V
Max. module wattage:	20 W
Losses:	max. 4,0 W
Partial load:	1,2 W – 20 W
Max. allowed voltage:	240 V _{eff} + 6 %
Power factor:	0,8
DC voltage operation:	176 V-264 V DC suitable for emergency power operation
Safety:	EN 61046
Radio interference:	EN 55015 (DC operation: positive pole to outer terminal, negative pole to interior terminal)
Harmonic content:	EN 61000-3-2
Flickering:	EN 61000-3-3
Immunity:	EN 61547
Temperature range:	-20 °C bis +45 °C
Galvanic insulation between primary and secondary side:	3 kV _{eff}
Non-load proof:	yes
Short circuit protection:	autom. shutoff, reversible
Overload protection:	autom. output power reduction and shutoff, reversible
Overheating protection:	autom. output power reduction and shutoff, reversible
Connections:	screw terminals
24 V-wiring:	max. 10 m
Power line:	NYM 3 x 1,5 mm ² / H03VV - F2 x 0,75
Wire cross section, primary:	0,75 mm ² bis 1,5 mm ²
Wire cross section, secondary:	0,75 mm ² bis 1,5 mm ²
Skinning of the branch line	cable sheath 1,2 cm; wire 0,6 cm
Geometry (l x w x h):	109 mm x 50 mm x 35 mm
Approvals:	 ; 

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