



FAN code
PS3-30/DALI: 8595188192606
Order Code: 9260

Technical parameters		PS3-30/DALI
Input AC		
Supply voltage:	100 - 250 V AC/50 - 60 Hz	
Power dissipation:	max. 6.5 W	
No-load power (apparent/active):	max. 10 VA/1.5 W	
Power consumption at max. Load (apparent/active):	max. 54 VA/33 W	
Protection:	T2A fuse inside the device	
Outputs		
27 V		
Output voltage:	27 V	
Max. load capacity:	1 A	
BUS		
Output voltage:	27 V	
Max. load capacity:	1 A	
DALI		
Output voltage:	16 V	
Max. load capacity:	250 mA	
Max. total load capacity*	30 W	
Overall resource efficiency:	> 82 %	
Time delay after Connection to AC network:	max. 5 s	
Indication LED		
Green LED U _{DC} :	output voltage indication	
Operating conditions		
Electrical power INPUT AC - OUTPUT BUS:	4 kV	
Connection terminals:	Ordinal	
Cross-section of connecting wires (mm ²):	max. 1 x 2.5, max. 2 x 1.5 (With core max. 1 x 1.5)	
Working temperature:	-20 °C to +55 °C	
Storage temperature:	-30 °C to +70 °C	
Working air humidity:	20 to 90 % RH	
Degree of protection:	IP20 device, IP40 with cover in the control cabinet	
Surge category:	III.	
Degree of pollution:	2	
Working position:	any, optimally vertical	
Installation:	to the control cabinet for DIN rail EN 60715	
Design:	3-MODULE	
Dimensions:	90 x 52 x 65 mm	
Weight:	174 g	
Related standards:	general: EN61204, safety: EN61204-7, EMC: EN61204-3	

* The maximum total load capacity is the sum of the loads of the individual outputs. (iNELS BUS + DALI BUS)

- PS3-30/DALI provides 30 W total power for both iNELS bus (27 V DC) and DALI devices (16 V DC), ensuring efficient power distribution for central units, external masters, and peripheral devices including DALI BUS.
- PS3-30/DALI includes an internally integrated bus isolator to power one branch of the iNELS BUS, maintaining reliable and isolated power supply for connected peripheral units.
- Equipped with electronic protection against short circuits, overvoltage, power overload, and temperature overload, ensuring safe and stable operation.
- Offers over 85% efficiency, optimizing energy consumption and reducing heat generation.
- Compact Design: 3-module unit designed for easy mounting on DIN rail EN60715, allowing for streamlined installation in switchboards and control panels.
- Supports a wide input voltage range of 100-240 V AC and operates in temperatures from -20°C to +55°C, suitable for various environmental conditions.
- Meets safety standards EN 60950-1 and EN 62368-1, EMC standards EN 55032 and EN 55024, and is RoHS compliant, ensuring adherence to international safety and environmental regulations.

Connection

