

product data sheet

item no. 81.000.1200.0

switched-mode power supply WIPOS PBS1 12-2

Primary-switched power supply unit wipos PBS1, Screw connection, DIN Rail mounting, Input: 85-264 V AC, Output: 12-15 V DC / 2,1 A, Power: 25,2 W, Efficiency: 88.0%, WxHxD: 36x91x55,6



item no.	81.000.1200.0
EAN	4049088730832
order unit	1 piece(s)

certificates / approvals



technical data

general

connection type	screw connection
number of phases	single phase power supply
suitable for modular version	yes
mounting type, other	no
mounting type, wall mounting	no
rail mounting possible	yes
housing material	Polycarbonate (PC)
operating temperature min.	-20 °C
operating temperature max.	71 °C
relative humidity min.	5 %
relative humidity max.	95 %
storage temperature / transport min.	85 °C
storage temperature / transport max.	-40 °C
degree of protection (IP)	IP20
protection class	II
pollution degree	2
parallel-service possible	no

technical data

display	LED
short-circuit protective device	current limiting (hiccup mode)
hold time 115V AC	> 20 ms
cohesive resistance (In-/Output)	100 MOhm
cooling	free convection
MTBF	-



connector cross section (input)	min. 0.2mm ² (AWG24)max.2.5mm ² (AWG12)
connector cross section (output)	min. 0.2mm ² (AWG24)max.2.5mm ² (AWG12)
wire strip length	5 mm
permissible torque max.	0.56 Nm
control "Adj"	trimming potentiometer for fine-tuning of U(out)
number of +	1
number of -	1
further terminals	L, N

output

type of output voltage	DC
power output	25.2 W
output voltage stabilized	yes
output voltage	12 V
min. output voltage	12 V
max. output voltage	19 V
min. output voltage	12 V
max. output voltage	19 V
output current	2 A

input

type of voltage (input voltage)	
input voltage DC min.	120 V
input voltage DC max.	375 V
min. input voltage	100 V
max. input voltage	240 V
input voltage AC min.	85 V
input voltage AC max.	264 V
rated frequency min.	47 Hz
rated frequency max.	63 Hz
input current, max.	0.4 A
max. starting current	50 A

dimensions

depth	55.6 mm
width	36 mm
height	94 mm
weight	120 g

