

Datasheet

Art.No. 27.102.4253.0

Printed circuit board terminal 8181 / 12 DS OB HW

PCB terminal block, pitch 5,00 mm, 12 pole, screw connection with wire protection and wire lead horizontal to the PCB, without marking, Typ 8181/ 12 DS OB HW



Art.No.	27.102.4253.0
EAN	4015573878839
Order unit	30 pieces

Approvals



Technical data

General

Modular spacing	5 mm
Connection type	Screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	12
Conductor to circuit board	180°
Number of levels	1
Integrated test socket	No
Insulation plate	Yes
Retaining pins	No
Marking	No

Technical data

Nominal cross section	2.5 mm ²
Rated current	16 A
Overvoltage Category I	1000 V
Overvoltage Category II	690 V
Overvoltage Category III	250 V
Rated impulse voltage	4 kV
Wire strip length	6.5 mm

Connection Data

Minimum cross section solid	0.38 mm ²
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Maximum cross section solid	2.5 mm ²
Minimum cross section fine stranded	0.38 mm ²
Maximum cross section fine stranded	2.5 mm ²
Wire strip length	6.5 mm

Technical Data UL/CSA

Cross section UL	22-14 AWG
Voltage UL	300 V
Current field wiring	16 A
Current factory wiring	16 A
Cross section CSA	22-14 AWG
Voltage CSA	300 V
Current CSA	16 A

Other

Type of insulation material	Thermoplastic
Colour	Grey
Height	12.6 mm
Length	60 mm
Depth	9 mm
Material attachment screw	Steel
Material contact base	CuZn
Material contact surface	Sn

Classification

ECLASS 8.1	27440401
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

