

Data sheet

Commercial Art.No.: 25.179.0253.0

Printed circuit board terminal 8291 E / 2 / 4

PCB terminal with screw connection with rising cage clamp system, 2 poles, printed version, with solder pin (3.5mm), max. cross section: 2.5 mm², pitch: 5.08 mm, type of packing: carton, color: grey



Commercial Art.No.	25.179.0253.0
EAN	4015573178014
Order Unit	50

Certificates / Approvals



Technical data

General

Modular spacing	5.08 mm
Connection type	Screw connection
Soldering process	Wave soldering
Packaging	Carton
Number of poles	4
Conductor to circuit board	180°
Number of levels	2
Integrated test socket	Yes
Insulation plate	No
Retaining pins	No
Marking	Yes

Technical data

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

Connection Data

Minimum cross section solid	0.14 mm ²
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Maximum cross section solid	2.5 mm ²
Minimum cross section fine stranded	0.14 mm ²
Maximum cross section fine stranded	2.5 mm ²
Wire strip length	6.5 mm

Technical Data UL/CSA

Cross section UL	22-12 AWG
Voltage UL	300 V
Current field wiring	20 A
Current factory wiring	30 A
Cross section CSA	22-12 AWG
Voltage CSA	300 V
Current CSA	25 A

Other

Type of insulation material	Thermoplastic
Color	Grey
Height	27.5 mm
Length	13.25 mm
Depth	21.5 mm
Material attachment screw	Steel
Material contact base	E-Cu
Material contact surface	Sn

Note

Note	with wire H05V...
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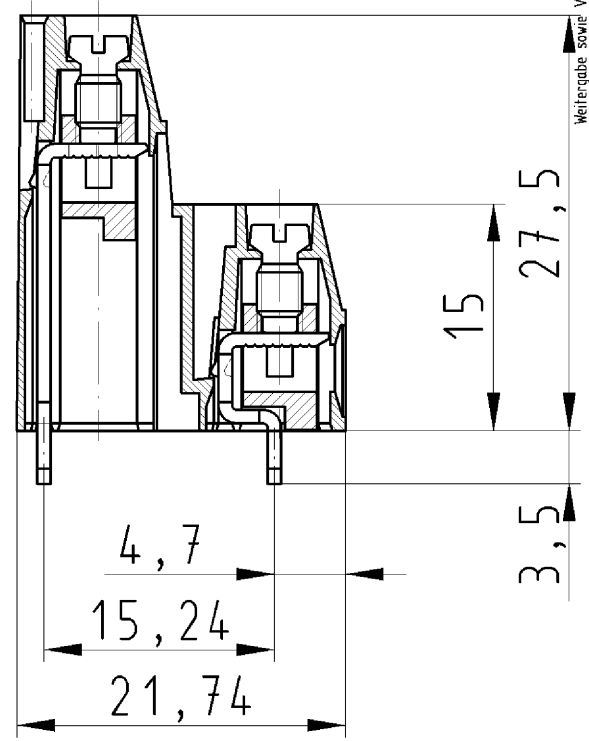
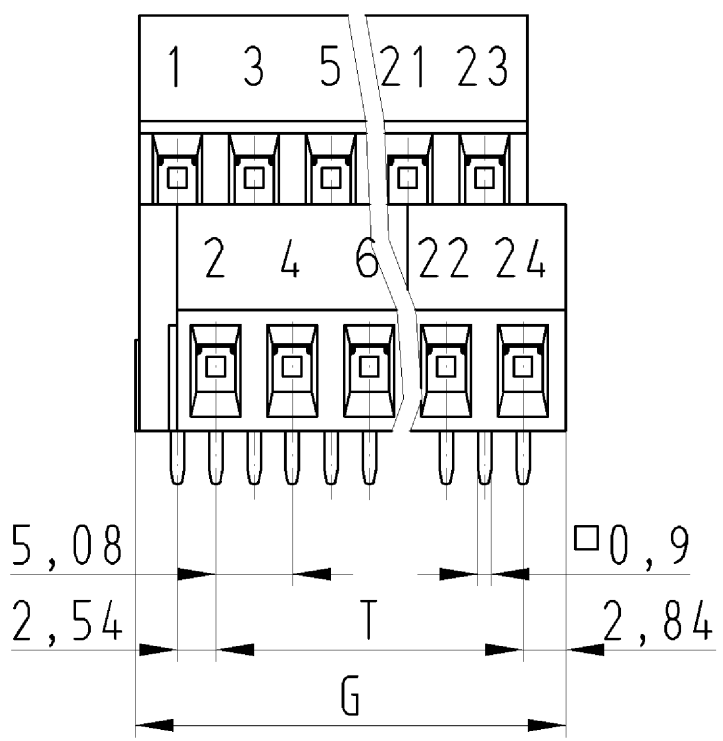
Classification

ECLASS 11	
ECLASS 8.1	27440401
ETIM 7.0	EC002643
ETIM 6.0	EC002643
ETIM 5.0	EC002643
ETIM 4.0	EC002643

Product compliance

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

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