

FRONT 2,5-V/SA10

Order No.: 1700053

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1700053>

Printed circuit terminal block, nominal current: 24 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 1, mounting: Soldering, type of connection: Screw connection, connection direction from the conductor to the PCB: 90°

Commercial data

EAN	4017918022747
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.00368 KG
Catalog page information	Page 113 (CC-2007)

Product notes

WEEE/RoHS-compliant since:
02/01/2005



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Technical data**Dimensions / positions**

Pitch	5 mm
Number of positions	1
Pin dimensions	0,8 x 0,8 mm

Pin spacing	10 mm
Hole diameter	1.2 mm
Screw thread	M 2,5
Tightening torque, min	0.4 Nm

Technical data

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal voltage U_N	250 V
Nominal cross section	2.5 mm ²
Maximum load current	17.5 A (with 2.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	9 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14

2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm ²

Certificates / Approvals

Approval logo



CSA

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	24-12

CUL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

UL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12
Certification	CSA, CUL, GL, GOST, RS, UL

Accessories

Item	Designation	Description
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Assembly

1700011	D-FRONT 2,5-V-O.Z.	End cover, necessary at the end of a terminal row, 2.5 mm thick, color: green
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1700082	RZ 2,5-FRONT 2,5 V	Pitch spacer, raises the pitch by 2.5 mm, interlocks with terminal block of the same shape, color: green
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General

1733169	EBP 2- 5	Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2
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Marking

0804183	SK 5/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
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Tools

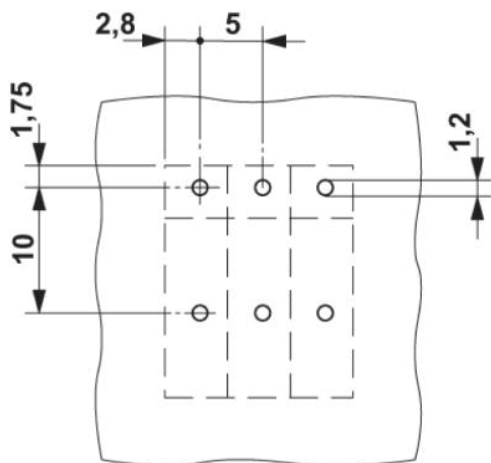
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Additional products

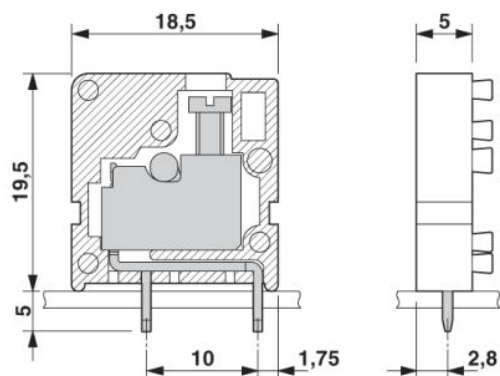
Item	Designation	Description
Assembly		
1700011	D-FRONT 2,5-V-O.Z.	End cover, necessary at the end of a terminal row, 2.5 mm thick, color: green

Drawings

Drilling diagram



Dimensioned drawing



Address

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