

FRONT 4-H-6,35

Order No.: 1703050

The figure shows a 5-pos. version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1703050>

Printed circuit terminal block, nominal current: 30 A, rated voltage: 320 V, pitch: 6.35 mm, no. of positions: 1, mounting: Soldering, type of connection: Screw connection, connection direction from the conductor to the PCB: 0°

Commercial data

EAN	4017918023072
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.008017 KG
Catalog page information	Page 299 (CC-2007)

Product notes

WEEE/RoHS-compliant since:
07/01/2005



<http://www.download.phoenixcontact.com>
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Technical data

Dimensions / positions

Height	33 mm
Pitch	6.35 mm
Number of positions	1

Pin dimensions	1 x 0,8 mm
Hole diameter	1.3 mm
Screw thread	M 3
Tightening torque, min	0.5 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	32 A
Nominal voltage U_N	320 V
Nominal cross section	4 mm ²
Maximum load current	32 A (with 6 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V2
Internal cylindrical gage	A3
Stripping length	14 mm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	10

2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	1.5 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.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²

Certificates / Approvals

Approval logo



CSA

Nominal voltage U _N	300 V
Nominal current I _N	30 A
AWG/kcmil	22-10

CUL

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

UL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	24-10
Certification	CSA, CUL, GL, GOST, RS, UL

Accessories

Item	Designation	Description
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Assembly

1703076	D-FRONT 4-6,35	End cover, necessary at the end of a terminal row, 1.5 mm thick, color: green
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Marking

1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804374	SK 6,2/3,8: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
0805111	SK 6,2/3,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white
0805425	SK 6,2/3,8:UNBEDRUCKT	Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with M-PEN

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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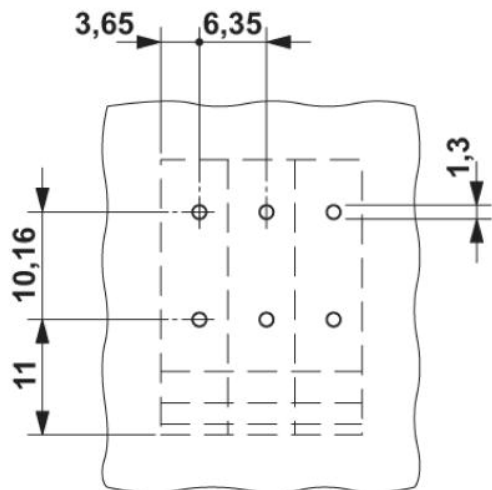
Additional products

Item	Designation	Description
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Assembly

1703076	D-FRONT 4-6,35	End cover, necessary at the end of a terminal row, 1.5 mm thick, color: green
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Drilling diagram

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Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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