

FRONT 4-V-6,35

Order No.: 1703063

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

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1703063>

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: 90°

Commercial data

EAN	4017918023089
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.008037 KG
Catalog page information	Page 299 (CC-2007)

Product notes

WEEE/RoHS-compliant since:
09/02/2005



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

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

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
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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

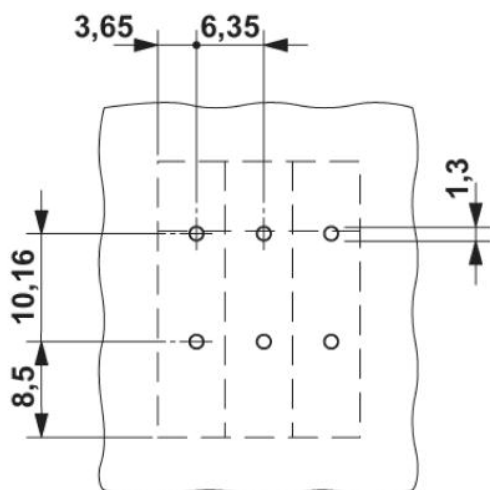
Item	Designation	Description
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Assembly

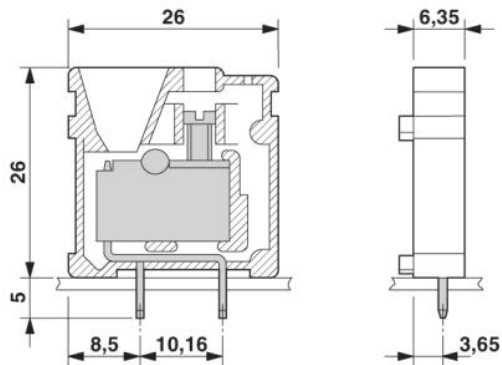
1703076	D-FRONT 4-6,35	End cover, necessary at the end of a terminal row, 1.5 mm thick, color: green
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Drawings

Drilling diagram



Dimensioned drawing



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