

Excellent Integrated System Limited

Stocking Distributor

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[1725172](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

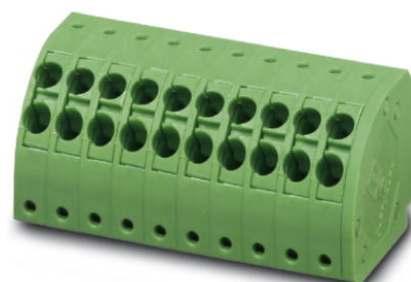


Extract from the online
catalog

PTDA 1,5/ 7-PH-3,5

Order No.: 1725172

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1725172>

Plug component, Nominal current: 8 A, Rated voltage (III/2): 240 V,
Number of positions: 7, Pitch: 3.5 mm, Connection method: Spring-
cage conn., Color: green, Metal surface: Sn

Commercial data

GTIN (EAN)	
Note	Made-to-order
sales group	E411
Pack	100 pcs.
Customs tariff	85366990
Catalog page information	Page 455 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
02/21/2006



<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
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Technical data

Dimensions / positions

Pitch	3.5 mm
Dimension a	21 mm
Number of positions	7

PTDA 1,5/ 7-PH-3,5 Order No.: 1725172

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Technical data

Range of articles	PTDA 1,5/..-PH
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	240 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal voltage U_N	160 V
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 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.	1.5 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.	0.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.2 mm ²

PTDA 1,5/ 7-PH-3,5 Order No.: 1725172

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2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 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.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 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.	0.5 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Certificates / Approvals

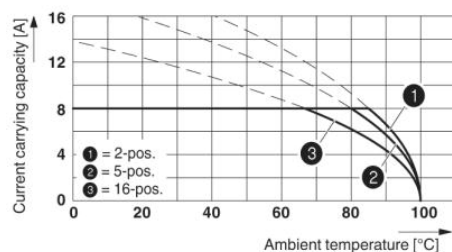


Certification

CUL, UL

Diagrams/Drawings

Diagram

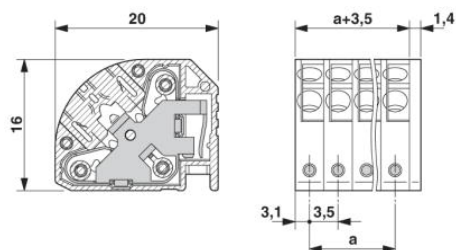


Derating curve for: PTDA 1,5/...-PH-3,5 with PST 1,0/...-3,5

PTDA 1,5/ 7-PH-3,5 Order No.: 1725172

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Dimensioned drawing



PTDA 1,5/ 7-PH-3,5 Order No.: 1725172

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