

Datasheet

Art.No. 72.216.1253.0

Male insert POW STS 4/8 NL BB AG



Art.No.	72.216.1253.0
EAN	4049088169359
Order unit	5 pieces

Approvals



Technical data

General

Model	Pin insert
Inflammability class of insulation material acc. with UL94	V2
Colour	Grey
Mating cycles	200
Pollution degree	3
Modular version	No
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	Screw connection
Number of poles	4
Plus switching contacts	0
Number of pole for rated current 2	0
Number of pole for rated current 3	0
Total number of poles (without ground contact)	4
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	6 mm ²
Max. conductor diameter rigid (solid/stranded)	16 mm ²
Protective contact	Yes

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
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Rated current according UL	82 A
Rated current according CSA	82 A
Min. conductor cross section flexible wire	6 mm ²
Max. conductor cross section flexible wire	16 mm ²
Conductor cross section flexible AWG wire	10-4 AWG

Model

With housing	No
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Contacts

Contact material	Copper alloy
Surface	Silver-plated
Contact resistance	≤ 0.6 mOhm
Wire strip length	10 mm

Screws head design/recomm. Torque

Mounting screws	H1/0.5-0.7 Nm
Clamping screws	H2/2.5-3.0 Nm
Ground conductor screws	M5/2.0-2.5 Nm Slot

Technical Data DIN EN 61984

Nominal voltage	690 V
Rated voltage face/ground	400 V
Nominal current	82 A
Rated impulse voltage	6 kV

Classification

ECLASS 8.1	27440205: Contact insert for industrial connectors
ETIM 5.0	EC000438: Contact insert for industrial connectors
ETIM 4.0	EC000438: Contact insert for industrial connectors
ETIM 3.0	EC000438: Contact insert for heavy duty connectors

Drawings

Technical drawing of a terminal block (POW STS 4/8 NL BB AG) showing dimensions and a pinout diagram. The drawing includes a top view with dimensions 109, 103, 42, 27, and 34. A pinout diagram shows 12 terminals numbered 1 through 12. The drawing also includes a screwdriver icon and a small circle with the number 10.

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Bestellnummer / Order number	Typ / Type
Weitere Daten, siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. www.wieland-electric.com shop.wieland-electric.com	
<p>Information for the customer: This drawing is for information only. It is not intended for production. For production, please refer to the drawing in the catalog. The drawing is not intended for production. For production, please refer to the drawing in the catalog. The drawing is not intended for production. For production, please refer to the drawing in the catalog.</p>	
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STECKEREINSATZ
L/8 Schraubanschluss
mit 8 Insert L/8 screw connection