

RC-06P1N1223VVX - Device connector front mounting



1245553

<https://www.phoenixcontact.com/us/products/1245553>

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Device connector front mounting, application: Signal, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Solder cup, coding: N, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb < 0.1 %)

Commercial data

Item number	1245553
Packing unit	40 pc
Minimum order quantity	40 pc
Product key	ABRAFW
GTIN	4063151453428
Weight per piece (including packing)	32.3 g
Weight per piece (excluding packing)	30.206 g
Country of origin	DE

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Technical data

Product properties

Product type	Circular connectors (device side)
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Material specifications

Flammability rating according to UL 94	V0
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Connector

Insulating body

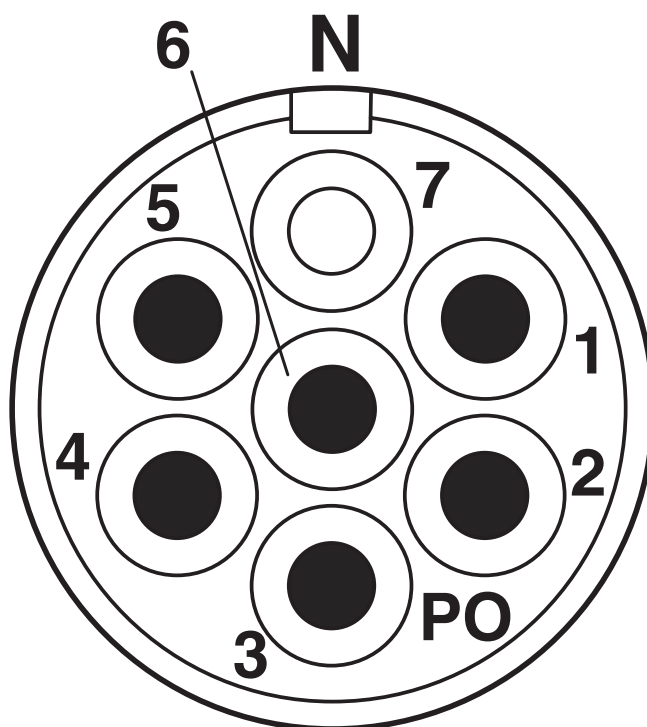
Coding	N
Material (Insulating body)	PBT
Material (Contact)	CuZn
Material (Contact surface)	Ni/Au
Insertion/withdrawal cycles	50
Connection method	Solder cup
Contact switching type	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number (Contact group 1)	6
Litz wires Min. cross section (Contact group 1)	0.08 mm ²
Litz wires Max. cross section (Contact group 1)	2.5 mm ²
Rated current Contact (Contact group 1)	20 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

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Drawings

Schematic diagram



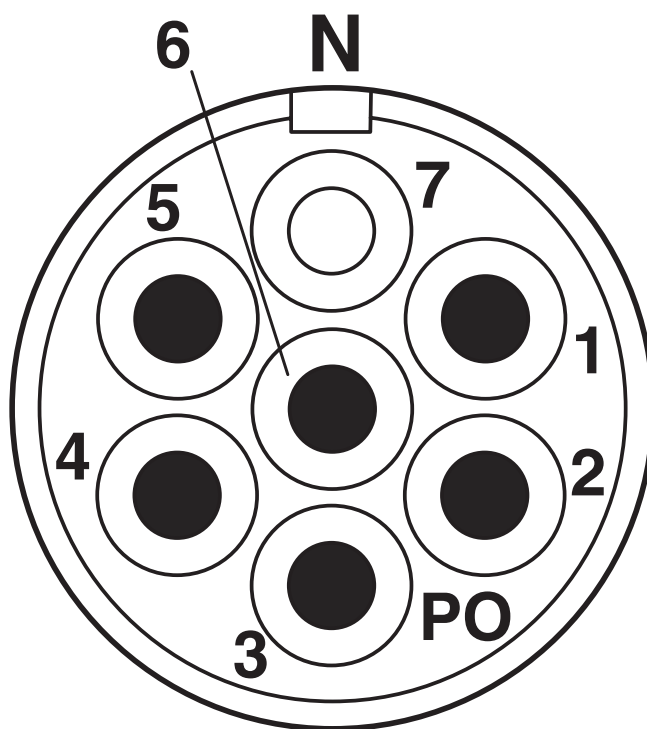
Connector pin assignment

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Schematic diagram



Connector pin assignment

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Schematic diagram



Dimensional drawing

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Classifications

ETIM

ETIM 9.0

EC003569

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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