VS-PPC-J-1220-1227-1020-0,2 - Y distributor

1404799

https://www.phoenixcontact.com/us/products/1404799

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Y distributor, degree of protection: IP65, number of positions: 5, material: Metal, connection method: Coupling, color: black



Commercial data

Item number	1404799
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOIA
Catalog page	Page 365 (C-2-2019)
GTIN	4046356321488
Weight per piece (including packing)	418.4 g
Weight per piece (excluding packing)	398.2 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Product properties

Product type	Network distributor box
Type	Version 14
Number of positions	5
Connection profile	Power
Number of slots	2
Shielded	no

Electrical properties

Rated voltage (III/3)	24 V
Rated current	16 A
Transmission medium	Copper

Connection data

Connection technology

Connection method	Coupling

Signaling

Status display	No
Status display present	No

Material specifications

Color	black
Flammability rating according to UL 94	V0
Housing material	Metal
Outer sheath, material	PVC
Conductor material	Bare Cu litz wires

Connector

Connection 1

Type	Plug straight MSTB
Locking type	Push Pull

Connection 2

Type	Socket straight MSTB
Locking type	Push Pull

Cable/line

PVC gray [PVC]

Shielded	no
Cable weight	242 kg/km

Cable type	PVC gray
Cable type (abbreviation)	PVC
External cable diameter	11.80 mm
Outer sheath, material	PVC
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Conductor structure, voltage supply	50x 0.25 mm
Conductor cross section	5x 2.5 mm²
AWG power supply	14
Material wire insulation	PVC
Single wire, color	blue, brown, black, gray, green/yellow
Overall twist	5 cores, twisted
Nominal voltage, cable	750 V
	1000 V (Fixed, protected installation)
Test voltage, cable	4000 V
Cable insulation resistance	> 0.2 MΩ*km
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	15 x D
Flame resistance	according to IEC 60332-1-2
Ambient temperature (operation)	-5 °C ... 70 °C (Cable, flexible installation)
	-40 °C ... 80 °C (cable, fixed installation)

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≤ 100

Environmental and real-life conditions

Ambient conditions

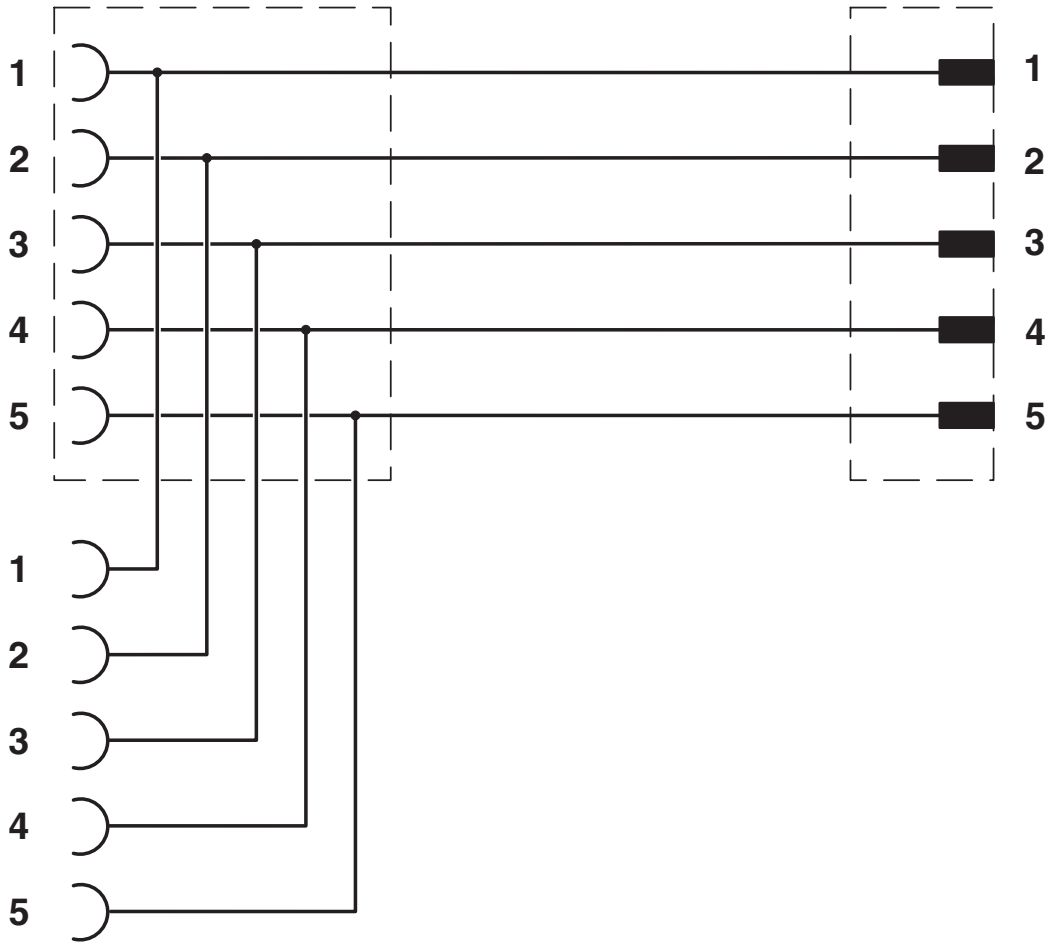
Degree of protection	IP65
	IP67
	IP65
Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
	-5 °C ... 70 °C (Cable, flexible installation)
	Plug / socket

Mounting

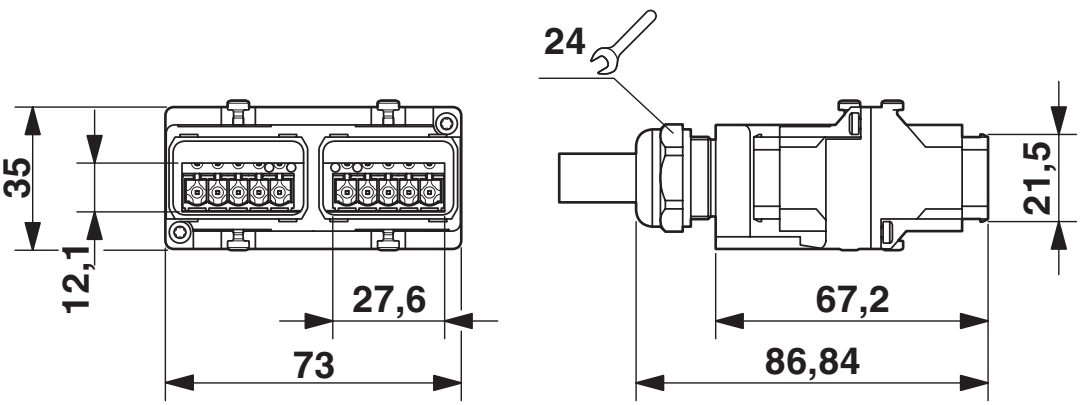
Mounting type	Screw mounting

Drawings

Circuit diagram



Dimensional drawing



Classifications

ECLASS

ECLASS-11.0	27440108
ECLASS-12.0	27440108
ECLASS-13.0	27440108

ETIM

ETIM 9.0	EC002585

UNSPSC

UNSPSC 21.0	31251500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

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

EU REACH SVHC

REACH candidate substance (CAS No.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	f1015da4-e8f5-43c3-a7f9-c552ec6bb8f4

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