PHŒNIX CONTACT

Distribution block - PTFIX 12X1,5 GY - 3002758

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Distribution block, internally jumpered, connection method: Push-in connection, number of connections: 12, cross section:0.14 mm² - 1.5 mm², AWG: 26 - 16, width: 25.2 mm, height: 17.6 mm, color: gray, mounting type: Direct mounting with flange

Why buy this product

☑ Space-saving, thanks to the compact design

☑ Flexible use, thanks to direct mounting with flange covers from accessories

☑ Space-saving potential distribution, thanks to compact micro potential distributors

☑ Convenient test options, thanks to test openings at every terminal point

☑ Clear arrangement thanks to marking of all terminal points

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	20 STK
Weight per Piece (excluding packing)	11.000 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Note	The blocks can be bridged with one another via the conductor shaft. For corresponding plug-in bridges, see accessories
Number of levels	1
Number of connections	12
Potentials	1
Nominal cross section	1.5 mm²
Color	gray
Insulating material	PA

Distribution block - PTFIX 12X1,5 GY - 3002758

Technical data

General

Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	0.56 W
Ambient temperature (operation)	-60 °C ... 130 °C
Maximum load current	17.5 A
Nominal current I_N	17.5 A
Nominal voltage U_N	450 V
Open side panel	No

Dimensions

Width	25.2 mm
Length	21 mm
Height	17.6 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60998-2-2
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	16
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1

Standards and Regulations

Connection in acc. with standard	IEC 60998-2-2
Flammability rating according to UL 94	V0

Distribution block - PTFIX 12X1,5 GY - 3002758

Technical data

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897
ETIM 6.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Distribution block - PTFIX 12X1,5 GY - 3002758

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/		13631
	B	C	D	
mm²/AWG/kcmil	26-14	26-14	26-14	
Nominal current IN	15 A	15 A	15 A	
Nominal voltage UN	300 V	300 V	150 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		FILE E 60425
	B	C	D	
mm²/AWG/kcmil	26-14	26-14	26-14	
Nominal current IN	15 A	15 A	15 A	
Nominal voltage UN	300 V	300 V	150 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		FILE E 60425
	B	C	D	
mm²/AWG/kcmil	26-14	26-14	26-14	
Nominal current IN	15 A	15 A	15 A	
Nominal voltage UN	300 V	300 V	150 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm

Accessories

Accessories

PHŒNIX CONTACT

Distribution block - PTFIX 12X1,5 GY - 3002758

Accessories

DIN rail

DIN rail, unperforated - NS 15 UNPERF 2000MM - 1401695

DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m

DIN rail perforated - NS 15 PERF 2000MM - 1401682

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 5.5 mm, width 15 mm, length: 2000 mm

DIN rail perforated - NS 15 AL PERF 2000MM - 1401763

DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m

DIN rail perforated - NS 15 WH PERF 2000MM - 1204096

DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m

End block

End clamp - CLIPFIX 15 - 3022263

Snap-on end bracket, to be snapped onto NS 15 DIN rail

End cover

Distribution block - PTFIX 12X1,5 GY - 3002758

Accessories

Flange cover - PTFIX 1,5-DF - 3003116

Flange cover, with screw-on fixing, length: 19.9 mm, width: 2.2 mm, height: 17.7 mm, color: gray

Jumper

Plug-in bridge - FBS 2-4 - 3030116

Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: red

Plug-in bridge - FBS 2-4 BU - 3030117

Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: blue

Plug-in bridge - FBS 2-4 GY - 3030118

Plug-in bridge, pitch: 4.2 mm, number of positions: 2, color: gray

Labeled terminal marker

Marking foil for zack marker strip - SK 3,8 REEL P4,15 WH CUS - 0825990

Marking foil for zack marker strip, white, labeled according to customer specifications, Mounting type: adhesive, for terminal block width: 4.15 mm, Lettering field: continuous x 3.8 mm

Screwdriver tools

PHŒNIX CONTACT

Distribution block - PTFIX 12X1,5 GY - 3002758

Accessories

Screwdriver - SZF 0-0,4X2,5 - 1204504

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

---

Terminal marking

Marking foil for zack marker strip - TML (EX3,8)R - 0801837

Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, Mounting type: adhesive, for terminal block width: 30000 mm, Lettering field: 30,000 x 3.8 mm

---

Marking foil for zack marker strip - TML (104X3,8)R - 0801833

Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, Mounting type: adhesive, for terminal block width: 104 mm, Lettering field: 104 x 3.8 mm

---

Accessories - MPS-MT 1-S4-B RD - 1982800

Test plugs - MPS-MT 1-S - 1944372

Test plugs, consisting of Ø 1 mm test pin, 150 mm conductor length, and Ø 2 mm socket

---