

# PRC 20/4-C3-BD-Y - Distribution block

1526194

<https://www.phoenixcontact.com/us/products/1526194>



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 documentation. Our general terms of use for downloads are valid.

Distribution block, Range of articles: PRC 20, design: Y distributor, color: black/green, number of positions: 4, rated voltage: 400 V, rated current: 20 A, Setting option for release: 1. with a tool or 2. by hand, scope: BUS



## Your advantages

- Less wiring effort on the construction site thanks to plug-and-play
- Fewer wiring errors due to 100% check during production
- Plug and forget thanks to the use of tried-and-tested materials
- Manual or tool locking – you decide on site in no time
- Designed for extreme ambient conditions

## Commercial data

Item number	1526194
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	A16
Product key	ABLHCA
GTIN	4063151994860
Weight per piece (including packing)	148.61 g
Weight per piece (excluding packing)	148.61 g
Customs tariff number	85366990
Country of origin	PL

# PRC 20/4-C3-BD-Y - Distribution block

1526194

<https://www.phoenixcontact.com/us/products/1526194>



## Technical data

### Notes

Order information:	Setting option for release: 1. with a tool or 2. by hand
Note on application	For assembly notes, please refer to the packing slip

### Product properties

Product type	Power distributor
Product family	PRC 20
Area of application	BUS
Type	Y distributor
Number of positions	4
Connection profile	4
Coding	4-C3

Insulation characteristics	
Protection class	II (double or reinforced insulation)

### Dimensions

Width	77.3 mm
Height	36.5 mm
Length	115.5 mm

### Electrical properties

Nominal voltage ATD	400 V (III/2.00) in accordance with IEC 61984
	500 V AC (III/2.00) in accordance with IEC 61535
	600 V AC / DC (III/2.00) in accordance with UL 2238 / UL 2237
	500 V DC (III/2.00) in accordance with IEC 61535
Rated current	20 A (With 2.5 mm <sup>2</sup> conductor cross-section in accordance with IEC 61984)
	20 A (With 2.5 mm <sup>2</sup> conductor cross-section in accordance with IEC 61535)
	20 A (With 2.5 mm <sup>2</sup> /AWG 14, in accordance with UL 2238)

### Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	500 (Test specification: IEC 60512-13-2)

### Material specifications

Color (Housing)	black (RAL 9005)
Color (Locking)	green (RAL 6021)
Material Contact carrier	PPE
Material Contact	CuZn (Contact material, Pb < 0.1)
Material Housing	PPE

# PRC 20/4-C3-BD-Y - Distribution block

1526194

<https://www.phoenixcontact.com/us/products/1526194>



Material Seal	EPDM (Housing seal)
Material Pin connector pattern	EPDM

## Cable/line

Halogen-free	yes (in accordance with IEC 61249-2-21:2003- 11 Cl.3.1)
--------------	---------------------------------------------------------

## Environmental and real-life conditions

### Ambient conditions

Degree of protection (when plugged in)	IP68 (2 m / 2 h) IP68 (2 m / 2 h)
Degree of protection	IP66 IP68 (2 m / 2 h) IP69
Category of shock impact	IK08 (-25°C)
Ambient temperature (operation)	-40 °C ... 85 °C (observe derating)
Ambient temperature (storage/transport)	-40 °C ... 75 °C
Ambient temperature (assembly)	-5 °C ... 85 °C

## Standards and regulations

Standards/specifications	IEC 61984:2008 IEC 61535:2019 UL 2238 UL 2237
--------------------------	--------------------------------------------------------

# PRC 20/4-C3-BD-Y - Distribution block

1526194

<https://www.phoenixcontact.com/us/products/1526194>



## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1526194>

VDE Zeichengenehmigung				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine	500 V	20 A	-	0.5 - 2.5

UL Listed				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine	600 V	18 A	-	-

cUL Listed				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine	600 V	18 A	-	-

# PRC 20/4-C3-BD-Y - Distribution block

1526194

<https://www.phoenixcontact.com/us/products/1526194>



## Classifications

### ECLASS

ECLASS-13.0	27440603
ECLASS-15.0	27440603

### ETIM

ETIM 9.0	EC002567
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# PRC 20/4-C3-BD-Y - Distribution block

1526194

<https://www.phoenixcontact.com/us/products/1526194>



## 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.)	Triphenyl phosphate(CAS: 115-86-6)
SCIP	844794f5-0e7c-482c-89c9-f52d2bc07a08

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

### Phoenix Contact USA

586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)