PRC 20/4-C1-FC-FS2,5 6-14 - Coupler connector

1308640

https://www.phoenixcontact.com/us/products/1308640

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Coupler connector, Range of articles: PRC 20, color: black, number of positions: 4, min. conductor cross-section: 0.5 mm^2, max. conductor cross-section: 2.5 mm^2, rated voltage: 400 V, rated current: 20 A, Connection method: Screw connection, Setting option for release: 1. with a tool or 2. by hand, scope: AC

Your advantages

- More space on the device front with current transmission up to 20 A in a minimum amount of space
- Duo-Unlock technology for greater flexibility during installation and maintenance
- Reliable use under extreme ambient conditions with high degrees of protection and impact resistance
- Simple handling with proven crimp or screw connection technology
- Mechanical and color coding for quick and error-free startup

Commercial data

Item number	1308640
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB03
Product key	ABLHBA
GTIN	4063151560027
Weight per piece (including packing)	57.6 g
Weight per piece (excluding packing)	45.649 g
Customs tariff number	85366990
Country of origin	PL

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	Installation connector
Product family	PRC 20
Area of application	AC
Number of positions	4
Connection profile	3+PE
Coding	4-C1

Insulation characteristics

Protection class	II

Electrical properties

Rated voltage	400 V (III/2) in accordance with IEC 61984
	400 V AC (III/2) in accordance with IEC 61535
	600 V AC / DC (III/2) in accordance with UL 2238 / UL 2237
	500 V DC (III/2) in accordance with IEC 61535
Rated current	20 A

Connection data

Connection technology

Connection method	Screw connection

Dimensions

Width	28.5 mm
Height	28.5 mm
Length	82.1 mm

Material specifications

Color (Housing)	black (RAL 9005)
Flammability rating according to UL 94	V0

Cable/line

Single wire, cross section	0.5 mm² 2.5 mm²
Halogen-free	yes

Environmental and real-life conditions

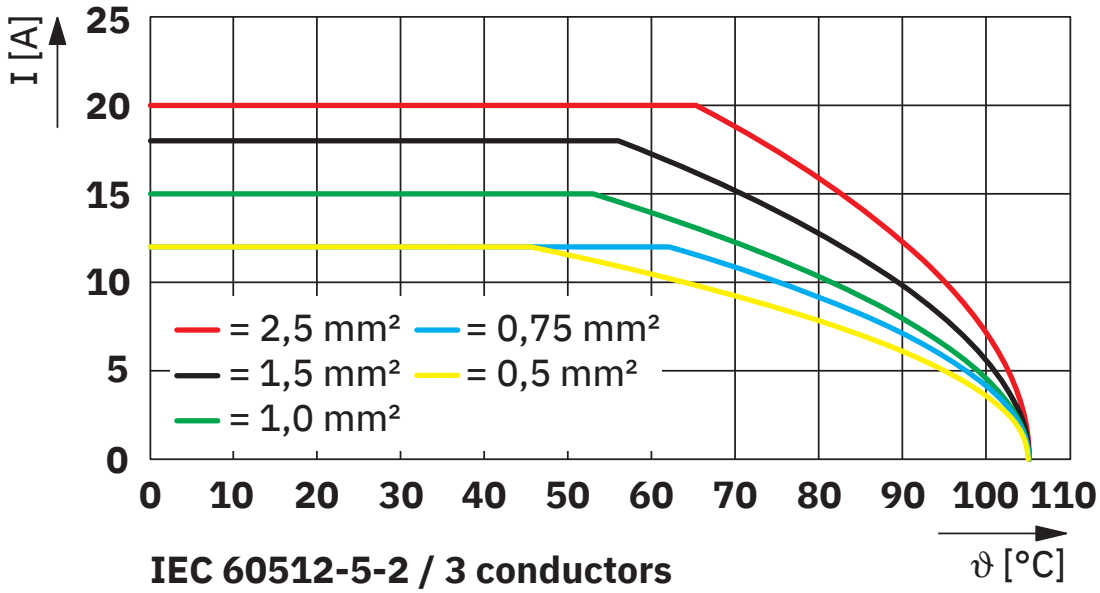
Ambient conditions

	IP66

Degree of protection	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

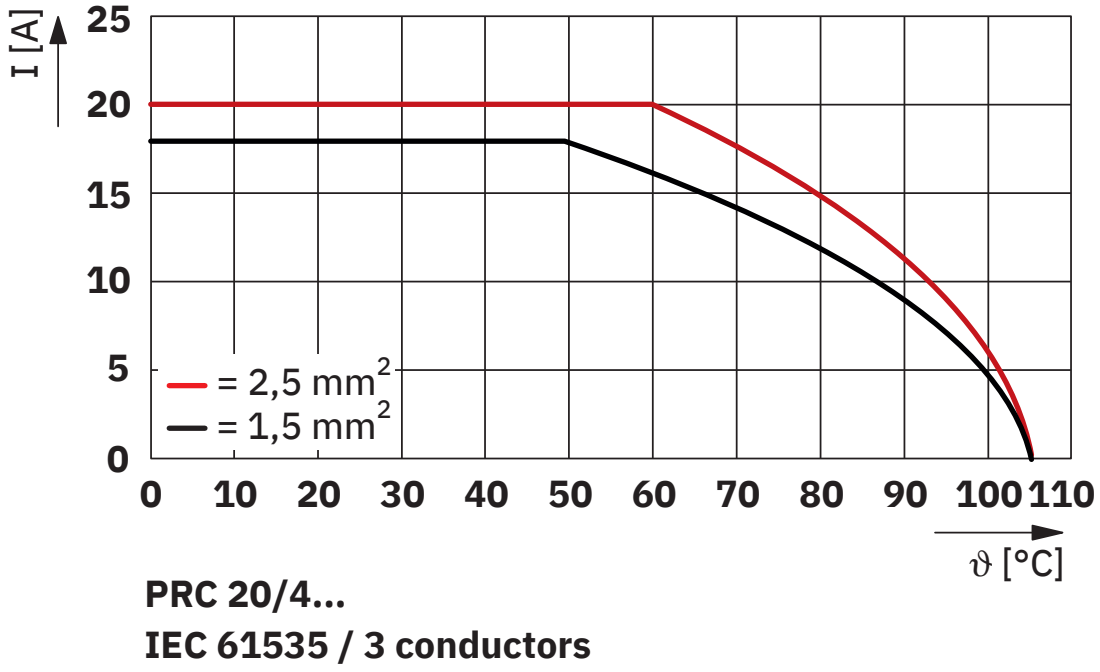
Drawings

Diagram



Derating

Diagram



Derating

Classifications

ECLASS

ECLASS-13.0	27440605
ECLASS-15.0	27440605

ETIM

ETIM 10.0	EC002560

UNSPSC

UNSPSC 21.0	39121400

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	6b85653f-83f3-4c9f-9ea1-da90194608b6

EF3.1 Climate Change

CO2e kg	0.864 kg CO2e

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