CAPAROC CR 20 - Busbar

1110989

https://www.phoenixcontact.com/us/products/1110989

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Busbar for CAPAROC system with 20 slots. For installation on a DIN rail.



Your advantages

- The benchmark that you can customize with lengths that can be adapted to your requirements
- Particularly easy operation for everyone with the simple Plug and Play design
- Exceptionally easy design-in with universal busbars up to 45 A

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1110989
Packing unit	3 pc
Minimum order quantity	3 pc
Sales key	CL11
Product key	CLA23Z
GTIN	4063151024697
Weight per piece (including packing)	57.667 g
Weight per piece (excluding packing)	49.39 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General

Note	LABS release – in accordance with test specification VW PV 3. 10.7:2005-0
	When using CAPAROC E1... modules, for continuous shock in accordance with IEC 60068-2-27 the 6 ms / 15g degree of severity applies

Product properties

Product type	Device circuit breakers
Product family	CAPAROC
Type	Plug-in module
Number of slots	20

Insulation characteristics

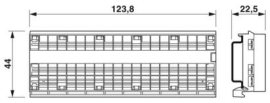
Protection class	III
Pollution degree	2

Electrical properties

General

Rated voltage	24 V DC
Rated current I_N	45 A (Total current input)
Power dissipation	< 1.2 W (At 45 A in the plus path)

Dimensions

Dimensional drawing	
Width	123.8 mm
Height	44 mm
Depth	22.5 mm (incl. DIN rail 7.5 mm)

Material specifications

Color	light gray (RAL 7035)
Material	Copper
	PC
Flammability rating according to UL 94	V-0

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20

Ambient temperature (operation)	-30 °C ... 65 °C (The temperature range of the power module must be taken into consideration)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	≤ 4000 m (amsl)
Humidity test	96 h, 95 % RH, 40 °C
Shock (operation)	30g (11 ms period, half-sine shock pulse, according to IEC 60068-2-27)
	25g (6 ms duration, half-sine shock pulse in accordance with IEC 60068-2-27, continuous shock)
	15g (6 ms duration, half-sine shock pulse in accordance with IEC 60068-2-27, continuous shock. If more than six CAPAROC E1 modules are used in the system.)
Vibration (operation)	5g (10 Hz ... 150 Hz / 10 cycles / axis / X, Y, Z)

Approvals

UL approval

Identification	UL/C-UL Listed UL 508
	UL 121201 Class I, Division 2, Groups A, B, C, D, T4A

Corrosive gas test

Identification	ISA S71.04.2013 G3 Harsh Group A

Standards and regulations

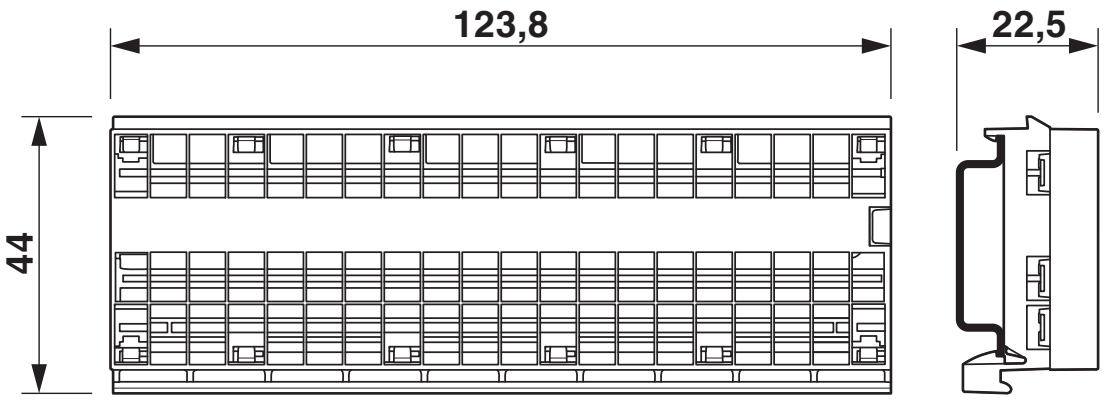
Standards/specifications	EN 61000-6-2
Note	EMC – Immunity for industrial areas
Standards/specifications	EN 61000-6-3
Note	EMC – Emission for residential, business and commercial properties and small operations
Standards/specifications	EN 60068-2-78
Note	Environmental influences – Moisture and heat, constant
Standards/specifications	EN 50178
Note	Equipping power installations with electronic equipment
Standards/specifications	EN 60068-2-6
Note	Environmental influences – Vibrations (sinusoidal)
Standards/specifications	EN 60068-2-27
Note	Environmental influences – Shocks

Mounting

Mounting type	DIN rail: 35 mm

Drawings

Dimensional drawing



Approvals

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UL Listed
Approval ID: E123528

cUL Listed
Approval ID: E123528

cUL Listed
Approval ID: FILE E 483407

UL Listed
Approval ID: FILE E 483407

Classifications

ECLASS

ECLASS-13.0	27140401
ECLASS-15.0	27140492

ETIM

ETIM 10.0	EC003538

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.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	0.178 kg CO2e

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