ME-MAX-NEF/QUINT20A - EMC filter

2319919

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Filter for adherence to the EMC category EMC1 in shipbuilding for the QUINT-PS/1AC/24DC/20 power supply

Commercial data

Item number	2319919
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CM11
Product key	CMPQZ3
GTIN	4046356447454
Weight per piece (including packing)	284.9 g
Weight per piece (excluding packing)	285 g
Customs tariff number	85049090
Country of origin	DE

Technical data

Product properties

Product type	EMC filters

Insulation characteristics

Protection class	II
Overvoltage category (EN 61010-1)	III (≤ 2000 m)
Degree of pollution	2

Electrical properties

Number of phases	1

Input data

AC operation

Input voltage range	100 V AC ... 240 V AC ±10 %
Frequency range (f_N)	50 Hz ... 60 Hz ±10 %
Current consumption	≤ 7 A (depending on the power supply)
Recommended breaker for input protection	10 A ... 16 A (Characteristic B, C or comparable)
Voltage drop, input/output	≤ 0.35 V AC

Output data

Nominal output current (I_N)	20 A

Dimensions

Item dimensions

Width	35 mm
Height	105 mm
Depth	114 mm
Depth (Device depth (DIN rail mounting))	107 mm (Device depth (DIN rail mounting))

Installation dimensions

Installation distance right/left	5 mm / 5 mm
Installation distance top/bottom	20 mm / 50 mm

Material specifications

Flammability rating according to UL 94	V0

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C (Derating >60°C: 2.5 %/K)
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Maximum altitude	≤ 2000 m
Max. permissible relative humidity (operation)	≤ 95 % (non-condensing)

Mounting

Mounting type	DIN rail mounting
Mounting position	horizontal DIN rail NS 35, EN 60715

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2319919

EAC
Approval ID: RU C-DE.*09.B.00169

BSH
Approval ID: 581

DNV
Approval ID: TAA000030X

Classifications

ECLASS

ECLASS-13.0	27420290
ECLASS-15.0	27420202

ETIM

ETIM 10.0	EC002564

UNSPSC

UNSPSC 21.0	39121500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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