

ME-MAX-NEF/QUINT20A - EMC filter



2319919

<https://www.phoenixcontact.com/us/products/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 |

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Technical data

Product properties

| | |
|--------------|-------------|
| Product type | EMC filters |
|--------------|-------------|

Insulation characteristics

| | |
|---------------------|----|
| Protection class | II |
| Degree of pollution | 2 |

Electrical properties

| | |
|------------------|---|
| Number of phases | 1 |
|------------------|---|

Input data

AC operation

| | |
|--|---|
| Input voltage range | 100 V AC ... 240 V AC \pm 10 % |
| Frequency range (f_N) | 50 Hz ... 60 Hz \pm 10 % |
| Current consumption | \leq 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 | \leq 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 | \leq 2000 m |

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| | |
|--|-------------------------|
| Max. permissible relative humidity (operation) | ≤ 95 % (non-condensing) |
|--|-------------------------|

Mounting

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

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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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27420290 |
| ECLASS-15.0 | 27420202 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002564 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121500 |
|-------------|----------|

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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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