zenitel

DATASHEET



2990000069

QUINT-24V-12V-8A

24VDC to 12VDC DC-DC Converter, 8A

- Input: 24V DC
- Output: 12V DC / 8A
- DIN rail mounting
- SFB (Selective Fuse Breaking) Technology
- Primary-switched design

Description

This versatile QUINT DC/DC converter efficiently transforms 24V DC input to 12V DC output, making it ideal for powering critical equipment during emergency situations. Its compact design allows for easy DIN rail mounting, while the incorporated SFB Technology ensures reliable performance.

Whether you're looking to support FXS-GW-24P gateways or need a robust 24V to 12V conversion solution, this QUINT converter delivers the power you need.

Perfect for:

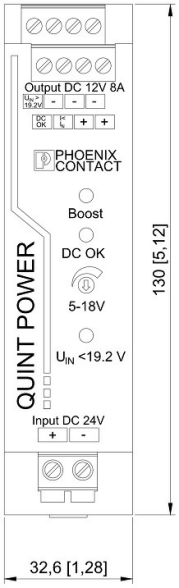
- Powering FXS-GW-24P gateways in 24V DC emergency power supply scenarios
- One unit can support two FXS-GW-24P gateways

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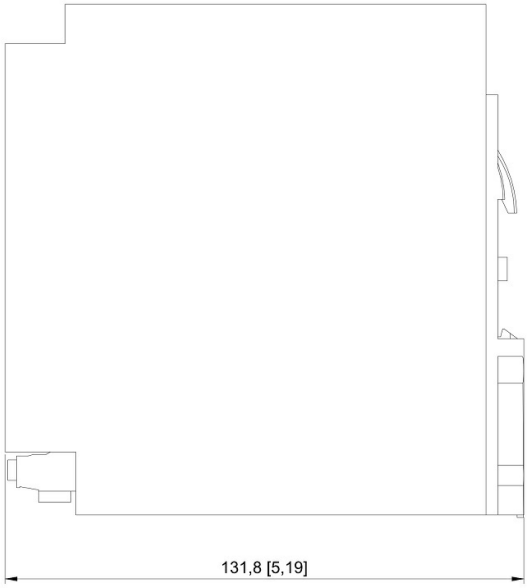
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Technical Dimensions

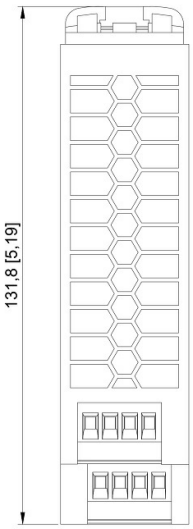
FRONT VIEW



SIDE VIEW



TOP VIEW



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Specifications

INPUT	
Nominal input voltage	24 V DC
Input voltage range	18 V DC ... 32 V DC
Voltage type of supply voltage	DC
Inrush current	< 15 A (typical)
Current consumption	6 A (24 V, IBOOST)
Protective circuit	Transient surge protection; Varistor
Input fuse	15 A (internal (device protection))

OUTPUT	
Nominal output voltage	12 V DC ±1 %
Setting range of the output voltage (USet)	5 V DC ... 18 V DC (> 12 V DC, constant capacity restricted)
Nominal output current (IN)	8 A (-25 °C ... 60 °C)
Selective Fuse Breaking (ISFB)	48 A (12 ms)
Short-circuit-proof	Yes
Output power	96 W

GENERAL	
Dimensions (WxHxL)	32mm x 130mm x 125mm
Weight	850 g

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ENVIRONMENTAL

Operating Temperature	-25 to 70 °C
Storage Temperature	-25 to 85 °C
Max. permissible relative humidity (operation)	≤ 95 % (at 25 °C, non-condensing)

APPROVALS

Shipbuilding approval	DNV GL (EMC B)
UL approvals	UL/C-UL listed UL 508
	UL/C-UL Recognized UL 60950-1
	UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D (Hazardous Location)

Used With

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