

QUINT-PS-3X400-500AC/48DC/10


Order No.: 2938219



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DIN rail power supply unit, primary-switched mode, single-phase, output: 48 V DC / 10 A



Commercial data	
EAN	 4 017918 927691
Pack	1
Customs tariff	85044081
Country of Origin	DE
Catalog page information	Page 567 (IF-2009)

Product notes

WEEE/RoHS-compliant since:
26/06/2006



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Technical data

Input data	
Nominal input voltage	3x 400 V AC ... 500 V AC
AC input voltage range	3x 320 V AC ... 575 V AC (for all three phases)
DC input voltage range	450 V DC ... 800 V DC (for all three phases)
AC frequency range	45 Hz ... 65 Hz

DC frequency range	0 Hz
Current consumption	Approx. 3x 1.2 A (400 V AC)
	1 A (480 V AC)
Nominal power consumption	480 W
Inrush surge current	< 10 A
Power failure bypass	> 25 ms (400 V AC)
	> 30 ms (480 V AC)
Permissible backup fuse	B6
	B10
	B16
Type of protection	Transient surge protection
Protective circuit/component	Varistor

Output data

Nominal output voltage	48 V DC \pm 1%
Setting range of the output voltage	30 V DC ... 56 V DC (> 48 V constant capacity)
Output current	10 A (-25 °C ... 60 °C)
	13 A (with POWER BOOST, -25°C ... 40°C permanent)
Derating	60 °C ... 70 °C (2.5%/K)
Connection in parallel	Yes, for redundancy and increased capacity
Connection in series	Yes
Residual ripple	< 20 mV _{PP}
Peak switching voltages nominal load	< 140 mV _{PP} (20 MHz)
Maximum power dissipation idling	10 W
Power loss nominal load max.	45 W

General data

Width	160 mm
Height	130 mm
Depth	125 mm
Width with alternative assembly	122 mm
Height with alternative assembly	130 mm
	163 mm
Net weight	2.3 kg
Efficiency	> 90 % (for 230 V AC and nominal values)