



منبع تغذیه فونیکس

مدل QUINT-PS/ 3AC/24DC/40



۰۲۱ ۶۶۷۵۶۲۳۱



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Commercial data

Item number	2866802
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CMPQ33
Catalog page	Page 211 (C-4-2017)
GTIN	4046356152877
Weight per piece (including packing)	3,005 g
Weight per piece (excluding packing)	2,954 g
Customs tariff number	85044095
Country of origin	TH

Technical data

Input data

AC operation

Nominal input voltage range	3x 400 V AC ... 500 V AC
Input voltage range	3x 400 V AC ... 500 V AC -20 % ... +15 %
Voltage type of supply voltage	AC/DC
Inrush current	< 15 A (at 25 °C)
Inrush current integral (I^2t)	< 1 A ² s
Inrush current limitation	15 A
AC frequency range	45 Hz ... 65 Hz
Frequency range DC	0 Hz
Mains buffering time	> 25 ms (400 V AC) > 35 ms (500 V AC)
Current consumption	3x 2.1 A (400 V AC) 3x 1.7 A (500 V AC)
Nominal power consumption	1342 VA
Protective circuit	Transient surge protection; Varistor, gas-filled surge arrester
Power factor (cos phi)	0.76
Typical response time	< 0.5 s
Permissible backup fuse	B6 B10 B16 AC:
Permissible DC backup fuse	DC: Connect a suitable fuse upstream
Recommended breaker for input protection	6 A ... 20 A (Characteristic B, C, D, K or comparable)
Discharge current to PE	< 3.5 mA

DC operation

Nominal input voltage range	500 V DC ... 600 V DC
Input voltage range	500 V DC ... 600 V DC -10 % ... +33 % (mid-point earthed)
Current consumption	2.2 A (500 V DC) 1.9 A (600 V DC)
Recommended breaker for input protection	1x 6 A ≥ 1000 V DC (10 x 38 mm, 30 kA L/R = 2 ms)

Output data

Efficiency	typ. 94 % (400 V AC)
Output characteristic	U/I
Nominal output voltage	24 V DC ±1 %
Setting range of the output voltage (U_{Set})	18 V DC ... 29.5 V DC (> 24 V DC, constant capacity restricted)
Nominal output current (I_N)	40 A
POWER BOOST (I_{Boost})	45 A (-25 °C ... 40 °C permanent, U_{OUT} = 24 V DC)
Static Boost ($I_{Stat.Boost}$)	45 A
Selective Fuse Breaking (I_{SEB})	215 A (12 ms)
Magnetic circuit breaker tripping	B2 / B4 / B6 / B10 / B16 / B25 / C2 / C4 / C6 / C13
Derating	60 °C ... 70 °C (2.5 %/K)