



منبع تغذیه فونیکس

مدل QUINT-PS/1AC/24DC/5



۰۲۱ ۶۶۷۵۶۲۳۱



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Commercial data

Item number	2866750
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	CMPQ13
Catalog page	Page 158 (C-6-2015)
GTIN	4046356113786
Weight per piece (including packing)	1,071.1 g
Weight per piece (excluding packing)	1,022 g
Customs tariff number	85044095
Country of origin	TH



Technical data

Input data

AC operation

Supply system configuration	Star network
Nominal input voltage range	100 V AC ... 240 V AC
Input voltage range	85 V AC ... 264 V AC
	110 V DC ... 350 V DC (typ. 90 V DC (UL 508: ≤ 300 V DC))
Electric strength, max.	300 V AC
Voltage type of supply voltage	AC/DC
Inrush current	< 15 A
Inrush current integral (I^2t)	< 1 A ² s
AC frequency range	45 Hz ... 65 Hz
Frequency range DC	0 Hz
Mains buffering time	> 55 ms (120 V AC)
	> 55 ms (230 V AC)
Current consumption	1.2 A (120 V AC)
	0.6 A (230 V AC)
	1.3 A (110 V DC)
	0.6 A (220 V DC)
Nominal power consumption	145 VA
Protective circuit	Transient surge protection; Varistor
Power factor (cos phi)	0.94
Typical response time	< 0.15 s
Input fuse	5 A (slow-blow, internal)
Permissible backup fuse	B6 B10 B16 AC:
Permissible DC backup fuse	DC: Connect a suitable fuse upstream
Recommended breaker for input protection	6 A ... 16 A (AC: Characteristics B, C, D, K)
Discharge current to PE	< 3.5 mA

Output data

Efficiency	> 90 % (for 230 V AC and nominal values)
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)	5 A (-25 °C ... 60 °C, U_{OUT} = 24 V DC)
POWER BOOST (I_{Boost})	7.5 A (-25 °C ... 40 °C permanent, U_{OUT} = 24 V DC)
Selective Fuse Breaking (I_{SFB})	30 A (12 ms)
Magnetic circuit breaker tripping	B2 / B4 / C2
Derating	60 °C ... 70 °C (2.5 %/K)
Feedback voltage resistance	≤ 35 V DC
Protection against overvoltage at the output (OVP)	< 35 V DC
	< 1 % (change in load, static 10 % ... 90 %)