

Three-phase, primary switched mode power supply **PC-0324-400-6 - no longer available**



Picture shows PC-0324-100-0

Advantages

Stabilised and adjustable output voltage
Fast tripping of conventional circuit breakers
DC OK signalling
Parallel operation
Push-in terminals
Robust DIN rail mounting
Resistant to transient overvoltages up to 4 kV
Optional with 50 % Power Boost (PC-03xx-xxx-2)
3 years warranty

Applications

The economic power supplies in the Power Compact series set new standards in their class. Above-average robustness against transients and energetic surge pulses at their input and equipped with essential additional aspects for a worldwide high plant availability. The output voltage can be set easily using the rotary potentiometer on the front of the enclosure. The robust DIN rail fastening method and push-in connection terminals enable fast and secure mounting. All versions are available as option with 50% power reserves for high inrush current applications.

Standards

Primary switched mode power supply
to UL 60950, UL 508

Safety:
EN 61558-2-16, EN 60950-1

EMC:
EN 61204-3

Approvals



UL/CSA 60950 recognised, UL508 listed, GL, EAC



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Type		PC-0324-400-6 - no longer available
Electrical data	Special features	
	Characteristics	
	Input	
	Input rated voltage	400 - 500 Vac
	Input voltage range	320 - 575 Vac (450 - 800 Vdc)
	Rated frequency range	44 Hz - 66 Hz / 0 Hz
	Input rated current (rated load)	3 x 2.15 A (400 Vac) / 1.82 A (500 Vac)
	Starting current limiter	< 30 A, NTC
	Input fuse internal	3 x 6,3 AT
	Recommended back-up fuse (circuit breaker)	6 A, 10 A, 16 A, characteristic B, C
	Transient surge voltage protection	Varistor
	Output	
	Output rated voltage	24 Vdc
	Output voltage range	23 - 28.5 Vdc
	Output rated current	40 A
	Output limited current	typ. 44 A (constant current)
	Power Boost	-
	Tripping of LS circuit breakers	max. B10/C6/K4 @ 6/10mm ² /40m
	Parallel connection	Yes
	Serial operation	Yes
	Power dissipation, no load/rated load	2.78 W / 83.91 W (400 Vac)
	Efficiency	typ. 92.5 %
	Ripple factor	typ. 30 mVss
	Resistance to reverse feed max.	35 Vdc
	Over-voltage-protection	max. 40 Vdc
	Signaling	
	Status indicator	LED green
Signal output	Relay contact	
Approvals		
Approvals	cURus, cULus, GL (in Vorbereitung), EAC	
Environment		
Type of cooling	natural convection	
Ambient temperature	-25 °C to +70 °C	
Storage temperature	-25 °C to +85 °C	
Derating	-2.5 %/K > +55 °C	
Required minimum spacing (left/right)	0 mm	
Required minimum spacing (over/under)	50 mm	
Safety and protection		
Protection index	IP 20	
Safety class	I, with PE connection	
Order numbers		
Order Number	PC-0324-400-6 - no longer available	

Type		PC-0324-400-6 - no longer available
Mechanical data	Environment	
	Mounting position	horizontal for standard rail DIN TS35
	Terminal and mounting	
	Terminals signalling (direct plug-in technology Push-in)	max 2,5 mm ²
	Terminals input (direct plug-in technology Push-in)	max 2,5 mm ²
	Terminals output (direct plug-in technology Push-in)	max 16 mm ²
	Measures and weights	
Weight	2.71 kg	

