

PC-0360-160-0D

- Three-phase power supply for industrial environments
- Natural convection cooled
- Stabilised and adjustable output voltage
- Fast tripping of standard bi-metal circuit breakers
- DC-OK signal contact
- Safe parallel operation
- Push-In terminals
- Robust DIN-Rail mounting
- Resistant to transient overvoltages up to 4 kV
- Integrated ORING decoupling



Technical Data (subject to modifications)

Input Data	
Nominal input voltage	3x 400 - 500Vac
Input voltage range	320 – 575Vac (60Vdc / 16Adc: 390 – 575Vac)
Nominal Input current	2.15 to 1.82A
Nominal frequency range	47 Hz to 63 Hz
Inrush current	<30Apk, NTC
Recommended circuit breaker	6A, 10A, 16A, 20A (B,C)
Transient overvoltage protection	VDR
Input Terminals	Push-In, max. 2.5mm ²
Output Data	
Output voltage range	40 to 60Vdc
Return voltage immunity	max. 75Vdc continuous
Nominal output current	16A @ 60V
Constant current limiting	17A
Power-Boost	no
Output ripple	typ. 60mVpp (20Mhz bandwidth)
Efficiency	typ. 93%
Output terminals	Push-In, max. 16mm ²
Signaling	
Power Good (DC-OK)	LED green
Potential-free contact	Yes (max. 30V/1A)
Signaling terminals	Push-In, max. 2.5mm ²
Environmental	
Ambient temperature range	-25°C to +70°C
Storage temperature range	-25°C to +85°C
Derating	-2.5%/K > +55°C
Cooling	natural convection
Humidity	5...96%
Required minimum spacing (left/right)	0mm
Required minimum distance (above/below)	50mm
Safety and Protection	
HV-Test voltage	4.2kVdc
Degree of protection (acc. to IEC 60529)	IP 20
Protection class (acc. to IEC 61140)	Prepared for protection class I
Standards	
Safety	IEC/EN 60950-1
EMC	IEC/EN 61204-3
Approvals	
UL	UL/CSA 60950 recognised, UL 508 listed
GL (on request)	Environmental category: C, EMC2
Mechanical data	
Mounting	DIN-Rail TH 35
Mounting direction	vertical
Construction	aluminum
Weight	2.8kg
Dimensions (B x H x T incl. DIN-Rail)	126 x 127 x 170mm (refer to drawing)

Drawing (Dimensions in mm):

