

PC-0360-160-2D

- Three-phase DIN-Rail 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
- Parallel operation
- Push-In terminals
- Robust DIN-Rail mounting
- Resistant to transient overvoltages up to 4 kV
- with 50 % Power-Boost
- decoupled output

**Technical Data (subject to modifications)**

Input Data	
Nominal input voltage	3x 400 - 500Vac
Input voltage range	320 – 520Vac
Nominal Input current	2.15 to 1.82A
Nominal frequency range	47 Hz to 63 Hz
Inrush current	<30A _{pk} , NTC
Required 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	58 to 74Vdc
Return voltage immunity	max. 95Vdc continuous
Nominal output current	16A @ 60V, 13,3A @ 72V (360 – 520Vac)
Constant current limiting	17,6A
Power-Boost	24A (5s) @ 60Vdc, >60Vdc constant power 150% (5s)
Output ripple	typ. 100mV _{pp} (20Mhz bandwidth)
Efficiency	typ. 92%
Output terminals	Push-In, max. 16mm ²
Signaling	
Power Good (DC-OK)	LED green
Potential-free contact	yes
Signaling terminals	Push-In, max. 2.5mm ²
Environmental	
Ambient temperature range	-25°C to +70°C
Storage temperature range	-40°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
Maximum Height	2000m
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 61010-1 / IEC/EN 61010-2-201
EMC	IEC/EN 61204-3
Approvals	
UL	UL 61010-1/ UL 61010-2-201 prepared
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):

