

Technical Information - GarrettCom Power Clip

Power Input Model Options				
Type	PC-12DC	PC-24DC	PC-48DC	PC-HIDC
Description	Low input voltage range (12 V DC) with polarity. 200 watts max total power (50 watts per each terminal output)	Low input voltage range (24 V DC) with polarity. 400 watts max total power (100 watts per each terminal output)	Low input voltage range (48/60 V DC) w/polarity. 400 watts max total power (100 watts per each terminal output)	High input voltage range (110/125/250 V DC) w/polarity. 400 watts max total power (100 watts per each terminal output)
Order No.	942 259-002	942 259-003	942 259-004	942 259-001
Power Requirements				
Operating Voltage	12 V DC	24 V DC	48/60 V DC	110/125/250 V DC
Output Power	200 watts	400 watts	400 watts	400 watts
Ambient Conditions				
Operating Temperature	-40 °C to +85 °C			
Storage Temperature	+55 °C to +125 °C (all models)			
Humidity	5 to 95% RH (non-condensing)			
MTBF	> 219,000 hours at +50 °C			
Altitude	13,000 ft.			
Industrial Surge and Spike Protection	5kV peak (8/20µs)			
Conformal Coating	Available upon request			
Mechanical Construction				
Mounting	Ready to be DIN rail or panel mounted. Tray-mounting: up to three units may fit in tray (sold separately)			
Material	Corrosion-resistant steel with powder coating			
Dimensions	Width: 4.8 in (12.1 cm), Height: 1.7 in (4.3 cm), Depth: 4.2 in (10.7 cm), Depth with retainer bracket: 4.5 in (11.4 cm)			
Weight	1.2 lb. (0.55 kg)			
Protection Class	IP52 (IEC 529, NEMA 250)			
Approvals and Compliance				
Safety	UL/CSA/EN/IEC 60950-1, 2nd Edition CB report			
Emissions	EN/ETSI 300-386, FCC Part 15			
EN55022,24	AN/NZ CISPR22, VCCI, EN61000-6-4 Class A, CFR 47-FCC part 15, ICES 003, Class A			
Hazardous Locations	UL/cUL Class 1 Div 2, ATEX Zone 2			
IEC 61850	EMC & Environmental Operating Conditions Class C for Power Utility substations (KEMA)			
IEEE 1613	Class 2 Environmental Standard for Power Utility Substations			
NEMA TS-2	TEES for DC- and PoE-powered traffic control equipment			
Military	MIL-STD-810G			
Marine	DNV			
Mining	Directive 2006/31/EC			
Telecom	NEBS, GR63 & GR1089, L3, ETSI 300 386			
Railways	EN50155 and EN50121-4 Compliant			
Shock & Vibration	IEC 60068-2-27 & IEC 60068-2-6			
Freefall	IEC 60068-2-32			
RoHS	(Pb free) and WEEE compliant			
Immunity	<ul style="list-style-type: none"> • EN61000-4-2 (ESD) Level 4, EN61000-4-3 (RFI) Level 4 • EN61000-4-4 (EFT) Level 4, EN61000-4-5 (Surge) Level 4 • EN61000-4-6 (C. Susceptibility) Level 3 • EN61000-4-8 (PF Magnetic Field) Level 4 • EN61000-4-10 (Damp Osc.) Level 4 • EN61000-4-11 (VDI) Class 3 • EN61000-4-12 (Osc. Wave Im.) Level 3 • EN61000-4-16 (I.C. CMD) Level 3 • EN61000-4-29 VDSI on DC Input • EN61000-6-2, EN61000-6-5 DT&T-NL, Immunity PS&SS 			
Reliability				
MTBF	> 219,000 hours at +50 °C			
Warranty	7 years			

NOTE: These are the prominent technical specifications. For complete technical specifications visit: www.garrettcom.com