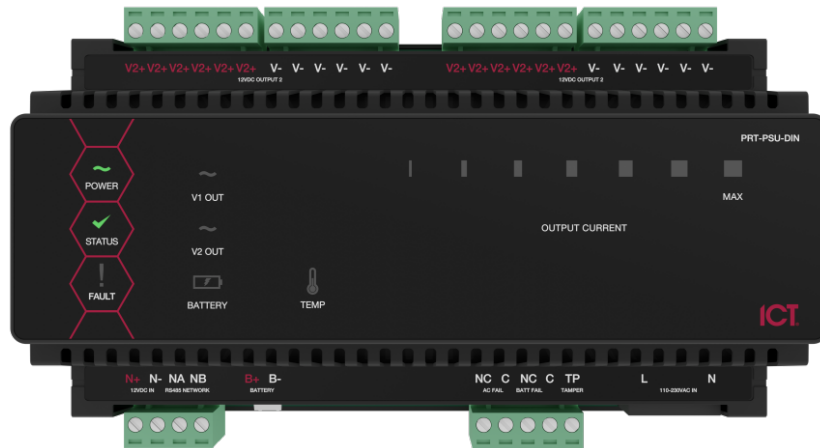


Protege DIN Rail 5A and 10A Intelligent Power Supply



ICT's 5A and 10A power supply units deliver reliable 12VDC power to the Protege system. Power your Protege modules and ancillary devices from a single space-saving unit, available in 5A and 10A models with the same DIN rail form factor.

Equipped with a built-in battery charger and battery backup, the system ensures uninterrupted power during outages. Even in extended outages, hassle-free battery replacement keeps your Protege system running smoothly. Intelligent charging capabilities optimize performance, delivering enhanced efficiency and reliability across your entire setup.

Feature Highlights

- > **Greater value.** With its enhanced power output, a single power supply can support more devices—enabling you to provide your customers with a scalable, high-performance solution that delivers exceptional ROI.
- > **Status at a glance.** LED indicators provide immediate feedback on the status of the power supply, covering module faults, mains input power, 12VDC output status and faults, battery state and core temperature. When the module is connected to Protege GX you can monitor its status live on a status page or floor plan, or log events for review at any time.
- > **Increased site safety.** The power supply can boot the system from battery, allowing you to safely replace batteries in an extended outage without compromising site security.
- > **Built to last.** The enclosed design provides more durability and protects internal circuitry from physical damage or electrostatic discharge.
- > **Power supply I/O.** Simplify communication with built-in RS-485, seamlessly connecting the power supply to the Protege encrypted module network. The power supply has two programmable outputs that operate as status outputs when the module is not connected to a Protege system, along with a dedicated enclosure tamper input.

Technical Specifications

PRT-PSU-DIN-5A		PRT-PSU-DIN-10A
Ordering Information		
Product Name	Protege DIN Rail 5A Intelligent Power Supply	Protege DIN Rail 10A Intelligent Power Supply
Power Supply		
Mains Input	110-240VAC System (50/60Hz)	
Mains Input Operating Current	0.6A (at 240VAC) - 1.1A (at 110VAC)	1.0A (at 240VAC) - 2.5A (at 110VAC)
DC Output Voltage	12VDC System (10.4-14.0VDC)	
DC Output Current	5A, 13.7VDC	10A, 13.5VDC
DC Output Transient Overload Current	6A, 13.7VDC	10.5A. 13.5VDC
Maximum Overload Current	5.6A	10.2A
Battery Charging	600mA (Typical) <i>*Additional to the Combined DC Output</i>	
Battery Low	11.0V	
Battery Disconnect	9.4V	
Battery Restore	11.0V	
Communication		
RS-485	Isolated Module Network	
Outputs		
Outputs	2 Solid-State Relay Outputs, 50mA 12V Max each	
Inputs		
Tamper	Dedicated Hardware Tamper Input	
Trouble Inputs	8 (internal)	
Dimensions		
Dimensions (L x W x H)	157 x 90 x 60mm (6.2 x 3.5 x 2.4")	
Net Weight	500g (17.6oz)	
Gross Weight	610g (21.5oz)	
Operating Conditions		
Operating Temperature	UL/cUL 0° to 49°C (32° to 120°F) : EU EN -10° to 55°C (14° to 131°F)	
Storage Temperature	-10° to 85° C (14° to 185° F)	
Humidity	0%-93% non-condensing, indoor use only (relative humidity)	
Compliance		
Standards	IEC 62368-1:2020 Australia/New Zealand: RCM; AS/NZS 2201:2007 Class 5 Canada: ICES-003; ULC certifications pending Europe: CE; EN50131 Security Grade 4, Environmental Class II United Kingdom: UKCA United States: FCC CFR 47, Part 15, Class A; UL certifications pending <i>For a full standards list, see the relevant installation manual or the ICT website.</i>	