

# ICT180S-12

Standard DC Load Distribution Panel for 12 or 24VDC



The ICT180S-12 DISTRIBUTION SERIES fuse-protected DC load distribution panel allows you to connect up to twelve DC loads to a single power source, thereby providing a flexible, cost effective approach to site DC power design. The 1RU 19-inch rackmount design saves valuable space, and the fuses are mounted on the front for easy replacement. Twelve output circuits allow you to expand your system as your needs grow, without giving up more valuable rack space.

The ICT180S-12 features an operating voltage range of 10-30VDC, making it perfect for 12 or 24 volt DC applications.

### Ease of Installation and Use

Fuses are mounted on the front to facilitate easy replacement. Alarm LED indicators and Form C alarm contacts are provided to assist with troubleshooting and fault detection. Heavy duty stud connectors are provided for the main DC inputs, and space saving terminal blocks are used for the outputs.

### Performance and Flexibility

The ICT180S-12 features a continuous current rating of 150 amps to allow a large number of DC devices to be connected to a single panel. ICT180S-12 utilizes nine standard ATO type fuses rated at up to 25A each, plus three JCASE fuses with 40A ratings, allowing you to mix the size and type of devices you can connect to these 12 or 24VDC models. Warranty is 2 years.

## SPECIFICATIONS

### Power Specifications

Nominal Application Voltage	12 and 24VDC
Operating Voltage Range	10-30VDC
Panel Current Rating (Peak)	180A
Panel Current Rating (Continuous)	150A
Number of ATO Fused DC Outputs	9
ATO Fuse Rating (Max)	25A <sup>(1)(2)</sup>
Number of JCASE Fused Outputs	3
JCASE Fuse Ratings (Max)	40A <sup>(1)(2)</sup>

### Environment

Operating Temperature Range	-20C to +60C
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### Connectors

Rear Panel	DC input stud connectors, DC output terminal blocks, Form C alarm contacts (C/NO/NC), grounding stud
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### Mechanical

Form Factor	1RU - 19" Rack Mount
Dimensions (inches) L x W x H	5.4 x 19.0 x 1.72
Weight (lbs/kg)	4.0 lbs / 1.8 kg
Fuse Position	Front Panel
LED Alarm Indicators	Front Panel

*(1) Please follow all recommendations of the fuse manufacturer. Generally fuses and wiring should be continuously operated at no more than 80% of their current rating.  
(2) ICT180S-12 ships with assortment of ATO and JCASE fuses installed.*

ICT also provides a range of TCP/IP enabled DC Distribution Panels for 12, 24 and 48 volts DC, providing the ability to monitor current readings of each connected device, send email alarms, remotely power cycle each individual output, load-shed non-critical loads automatically, and monitor five site sensor contacts such as door, smoke and water detectors.