

Power Supply

The Power Supply converts the line voltage input to 36VDC output, required for correct operation by C-Bus devices. The power supply can source up to 350mA to the network and power supplies may be added in parallel as more C-Bus devices are added to the network, under these conditions the power supplies share the load current equally.

The power supplies feature short circuit and reverse polarity protection and the line voltage is galvanically isolated from the C-Bus output side.

TECHNICAL INFORMATION

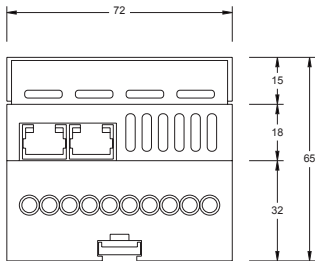
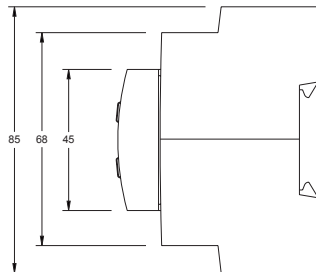
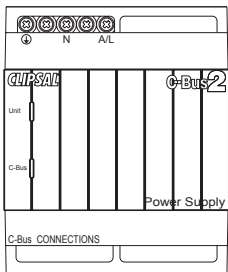
Catalogue Numbers	5500PS	E5500TPS
Line Supply Voltage	220-240VAC	110-120VAC
Supply Frequency	47-53Hz and 57-63Hz	
Output Voltage	32-39VDC	
Output Current	350mA (maximum)	
Duration of Short Circuit on Output	Indefinite	
AC Isolation Mains/C-Bus	3,750V RMS	
Warm-Up Time	3 seconds	
Number of C-Bus Units, Supported by one Power Supply (Standard passive unit = 18mA)	19	
Maximum Number of Units on a Single C-Bus Network	5	
Maximum Voltage Drop Measured between Power Supply and Passive C-Bus Unit for Correct Operation	10VDC	
Status Indicators	Unit and C-Bus	
C-Bus Termination	2 x RJ45 sockets	
Line Termination	2 x 1.5mm² or 1 x 2.5mm²	
Operating Temperature Range	0°C to 45°C	
Operating Humidity Range	0 - 95% RH, non-condensing	



E5500TPS

PRODUCT FEATURES

- Delivers up to 350mA to the C-Bus Network.
- High efficiency switched mode power supply design.
- Units may be operated in parallel on the same network.
- Does not require programming on installation.
- Designed to fit standard 35mm top hat DIN rail, measures just 4M in size.
- Designed to fit into standard electrical switchboards.
- RCM (Australia/New Zealand), CE (European Community) compliant.



E5500TPS illustrated

CATALOGUE NUMBER	DESCRIPTION
5500PS	Power Supply, 220/240VAC, 50/60Hz, 350mA
E5500TPS	Power Supply, 110/120VAC, 50/60Hz, 350mA