

Power Supply

LCHPSA



Description

This LexCom Home power supply kit is dedicated to the APOLLO 14" and 22" steel cabinets for Vertical integration. It is a compact all-in-one solution installed in the cabinet and providing power to all the active LexCom Home modules. The Power Supply Unit (PSU) provides a 12V DC output for the active modules and via the 4-way junction unit and its 12V plug-in cords, up to 4 active modules can be powered inside the cabinet. The power input of the PSU accepts 100 – 250V AC voltage (50-60Hz), making the power supply kit a universal and global solution. The mains receptacles offer good strain relief and screwless terminals for easy installation (only solid conductors). An additional cover provides a physical segregation of the receptacles to the rest of the installation environment.

Safety earth must always be connected to the installation.

Once installed, the power supply kit is a class 1 construction that ensures good grounding and earthing continuity to the steel cabinet.

Within the kit comes the necessary fixing bracket, segregation cover, 5-way magazine and 4 pcs 12V jumper cords.

Technical information

Electrical and Technical Data

Power Consumption	max. 20 W (depending on modules connected)
Temperature, Operation	0°C to 40°C ambient
Temperature, Storage	-20°C to 80°C ambient
Output Voltage	12V DC
Type	ELV, Switch mode, fully regulated output
Permissible Load	max. 18 W
Input Voltage	90 – 264 Vac/47-63 Hz
Safety Classification	Class 1
Tolerance	max. 5 %
Ripple	0.1 Vp-p (20 MHz bandwidth)
Protection	Overvoltage: 15V max. Overcurrent: built-in Short circuit: Auto recovery
Tracking Resistance	PTI 600

Construction and Material Data

Conductor Ø	Mains: 0.5 mm ² to 2.5 mm ² Solid
Material, Bracket	Alu-Zink 1.25mm
Cord Length	12V plug-in Cords: 0,5 m
Size	PSU: 85 x 56 x 25.5mm Kit: 278 x 56 x 28 mm
Material, Receptacles	Polyamid 6.6
No. of Outputs	4
Cable Ø	Mains: 6.5 mm – 12.5 mm
Quantity	1 pcs