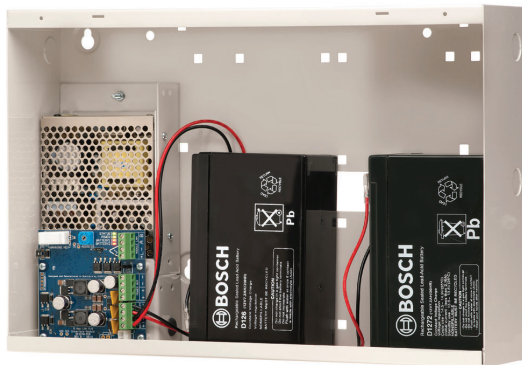


# CM723B 5 Amp LAN Power Supply Module

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CM723B 5-AMP LAN Power Supply Module in MW720B Metal Enclosure

- ▶ 5 Amps total combined output current
- ▶ Charge up to 2 x 7.2Ah or 1 x 18Ah standby batteries
- ▶ Remotely interrogate power supply status via RAS
- ▶ Resettable fuse protected with deep discharge protection built-in
- ▶ Easily installed into MW720 or MW730 enclosures

The CM723B LAN Power Supply is a high efficiency 13.8V DC, 5Amp continuous rated switch mode power supply with two independent battery chargers. The battery chargers can be configured to charge one or two 7.2Ah batteries, or for longer standby times they can be combined to charge a single 18Ah sealed lead battery. Two power output terminals are provided to simplify wiring to ancillary equipment and these are protected with a self resetting fuse. An optional CM435 Power Terminal Expander card can be used to increase the number of terminals if required.

## Functions

The CM723B is a LAN device and can be installed in its own enclosure away from the Solution 144 control panel, while remaining fully supervised. Once connected via the RS485 encrypted LAN, the panel continuously monitors all functions of the power supply including AC power fail, low battery, output voltage, current overload conditions and even its own temperature. Should any problems be detected, the system will display a trouble message on the keypad as well as report the event to the monitoring station so they can take appropriate action.

The CM723B is easily installed into the MW720 or MW730 enclosures without reducing the space available to install other modules. For installations with higher power requirements, two CM723B supplies can be installed into the MW730 enclosure, and adding an optional MW891 Battery Holder Plate allows up to four 7.2Ah batteries to also be installed. The power supply is connected to the mains using the supplied lead and 3 pin IEC plug. A directly connected export model (CM724B) is also available.

## Certifications and approvals

C-tick Supplier Code:	N12138
CE:	EN 55022:2010, EN 60950-1:2001
Telepermit:	PTC 211/12/017

## Technical specifications

### Power Requirements

Voltage Input:	100-240V AC @ 2.0A 50-60Hz
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Stand-by Battery:	Up to 2 x 12V DC 7.2Ah sealed rechargeable battery Panasonic LC-P12R2P or equivalent or 1 x 12V DC 18Ah sealed rechargeable battery Resettable fuse protected @ 6 Amps
Voltage Output:	13.8V DC @ 5 Amps (Primary supply source only)
Battery Discharge Cycle:	AC Off: Keypads indicate trouble condition, AV Fail report resent (if programmed) 13.8V DC :Charging level 11.5V DC: Low battery trouble at keypads, low battery report sent (if programmed) 10.0V: DC Shut down and battery disconnected as voltage falls below 9V DC.
Battery Recharge Cycle:	AC On: Panel restarts, battery charging begins. AC trouble clears from keypads, AC restore report sent (if programmed). 12.8V DC: Battery trouble clears from keypads, battery restore report sent (if programmed). 13.8V DC: Battery float charged.

### Connections

Connection (RS485 LAN):	Max total LAN length using multi strand security cable = 300m Max total LAN length using 2 pair twisted shielded data cable (Belden 8723) = 1200m
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### Environmental Considerations

Temperature:	0° to 55°C Operating
Humidity:	5% to 85% at 30°C non condensing

### Enclosure

Dimensions:	50(W) x 23(D) x 58(H)mm
Warranty:	3 years

## Ordering information

### CM723B 5 Amp LAN Power Supply Module

Order number **CM723B**

### Accessories

#### CM435B Power Terminal Expander

Order number **CM435B**

#### MW891 Battery Holder Plate for MW7XX Series

Order number **MW891**

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