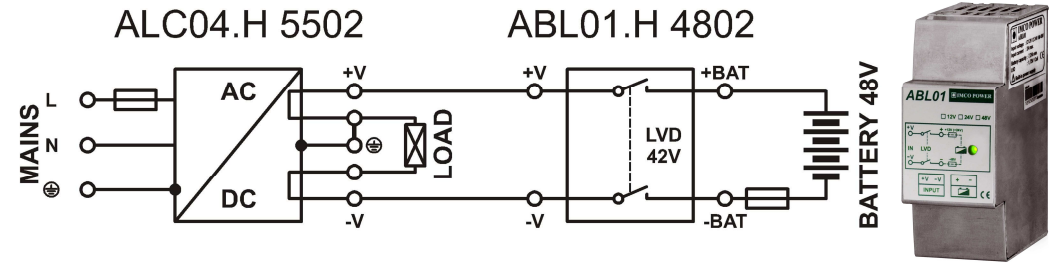


ABL01.H (DIN rail, 48V/2A (12V/8A, 24V/5A))

LCD (low voltage disconnect)

- ☑ Battery protection unit against excessive discharging
- ☑ LED indication of charge status
- ☑ Use in an industrial environment, -25 ° C - + 60 ° C
- ☑ Two-pole battery disconnecting, reverse polarity protection
- ☑ Internal polyswitch fuse overcurrent protection
- ☑ Mounting type: DIN rail

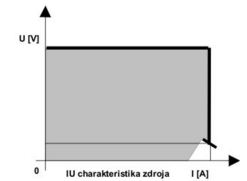


The ABL01 unit for connecting a battery to DC power supply is designed to create a backup power supply systems with UPS function. The connected battery is protected against excessive discharge. After power mains failure, the device has further uninterrupted supplied. After restoring the mains supply the connected battery is automatically recharged from power supply.

The unit is designed for connection a backup battery to power supplies with output voltages 13.8V or 27.6V or 55.2V and with IU charging characteristic. The LED on the front panel indicates the battery charge status.

Model specification:

- ABL 01.H XX YY - H = DIN rail mounting, XX = nominal battery voltage, YY= max. output current.



The module is designed for DIN rail mounting. The input and battery connections are through removable plugs with cross-section conductors of up to 2.5mm².

MODEL SPECIFICATIONS	ABL01.H 1208	ABL01.H 2405	ABL01.H 4802
Input voltage	10.5-14.7V	21-29.4V	42-58.8V
Nominal battery voltage	12V	24V	48V
Current consumption	61mA	34mA	21mA
Output current	Max. 8A	Max. 5A	Max. 2A
Operating temperature	-25°C - +60°C	-25°C - +60°C	-25°C - +60°C
Local signaling	Green LED – Vbat>11.4V Red LED - Vbat<11.4V Dark – battery disconnected	Green LED – Vbat>22.8V Red LED - Vbat<22.8V Dark – battery disconnected	Green LED – Vbat>45.6V Red LED - Vbat<45.6V Dark – battery disconnected
LVD (low voltage disconnect)	Vbat<10.5V	Vbat<21V	Vbat<42V
Mounting type	DIN rail	DIN rail	DIN rail
Dimensions W x H x D (mm)	36x90x68	36x90x68	36x90x68
Weight (kg)	0.13kg	0.13kg	0.13kg
Degree of protection	IP20	IP20	IP20
Part No.	IP.5430.633.07	IP.5430.633.08	IP.5430.633.09