

Technical Datasheet

Fuse Board 10 fuses



Fuse Board

FB 2410-10 P

NBP20901G02003

FB 2410-10

NBP20848G02005

1. Short description

The fuse board is intended for the distribution and protection of the 12/24V output voltages of the **AKKUTECH** series or any other DC source.

The fuse board can be snapped onto C-rails. Each fuse output is monitored separately. In case of fuse failure, the corresponding LED goes out. A collective message signals a blown fuse to the **AKKUTECH** or the PLS via message. If the number of fuses is not sufficient, a second fuse board can be plugged in.

2. Standards and regulations

The fuse board is part of the power supply and must be regarded according to the same standards and regulations.

Complete device	EN 61010-1 / EN 61010-2-201 EN 62368-1
EMC	2014/30/EU (EMC-directive) EN 55011 limit value class B group 1 EN 61000-6-2 AC EN 61000-6-4 + A1

- **EN 55011 Limit class B:** "Class B devices are devices which are suitable for use in residential areas and in areas directly connected to a low-voltage supply network which supplies (also) residential buildings."
(EN 55011, 5.2 Classification)
- **EN 55011 group 1:** "Group 1 includes all equipment... in which HF energy is not intentionally... generated in the radio frequency range 9 kHz to 400 GHz."
(EN 55011, 5.1 Classification)

3. Technical Data

Voltage	Max.32 V DC
Max. current –UBat / +UBat	15A
Max. current –Ua / +Ua	15A
Max. current –UA1 / +UA1 -- –UA10 / +UA10	10A
Single fuses F1 ... F10	FK2 / FKS 10A
Fuses on the board at delivery	FK2 / FKS 1A in each socket
Monitoring DC battery circuit (extern)	10 A (T, UL-248)
Output voltage fuse monitoring	< 0,5 V Sicherung defekt / > 3 V Sicherung defekt Max. Last. 10kOhm

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Elektrotechnik

Operational temperature	-20 °C ... 60 C
Storage temperature	-20 °C ... 60°C
Dimensions (HxWxD) (T-rail version)	107 x 96 x 60 mm
weight	230 g
Max. line section signallin line	1,5 mm ²
Max. line section +Ua1... +Ua10,	2,5mm ²
Max. line section Ua+, Ua-	2,5 mm ²
Max. line section +UBat, -UBat	4 mm ²

