

INSTALLATION AND COMMISSIONING INSTRUCTION

Power-Module-Extension PME

Power-Module Extension PME



Part.-No.: 680100

Application: Module for the self installation on customer side into an EMB 8000 control unit, for monitoring of the main power supply, if more than one switching power supply.

Operating voltage:	24 V DC
Internal consumption:	0 mA
Housing (WxHxD):	100 x 120 x 45 mm, ABS, black
Module units:	2 ME
Display:	Power, status
Connections:	Socket and plug with cable for internal BUS
Feature / Equipment:	Fixing on 35-mm mounting rail, configuration of the functional and performance features which deviates from the standard systems via configuration software EMB 8000

Functions:

- Monitors the main power supply for more than one switching power supply.
- Switches to back-up battery operation during power failure.

Take the module into operation:

- Integrated Power-Modul-Extension **PME** into the internal **BUS**.
- Power Modul **PM** und Power-Modul-Extension **PME** in the first position
- Fixing on 35-mm mounting rail.



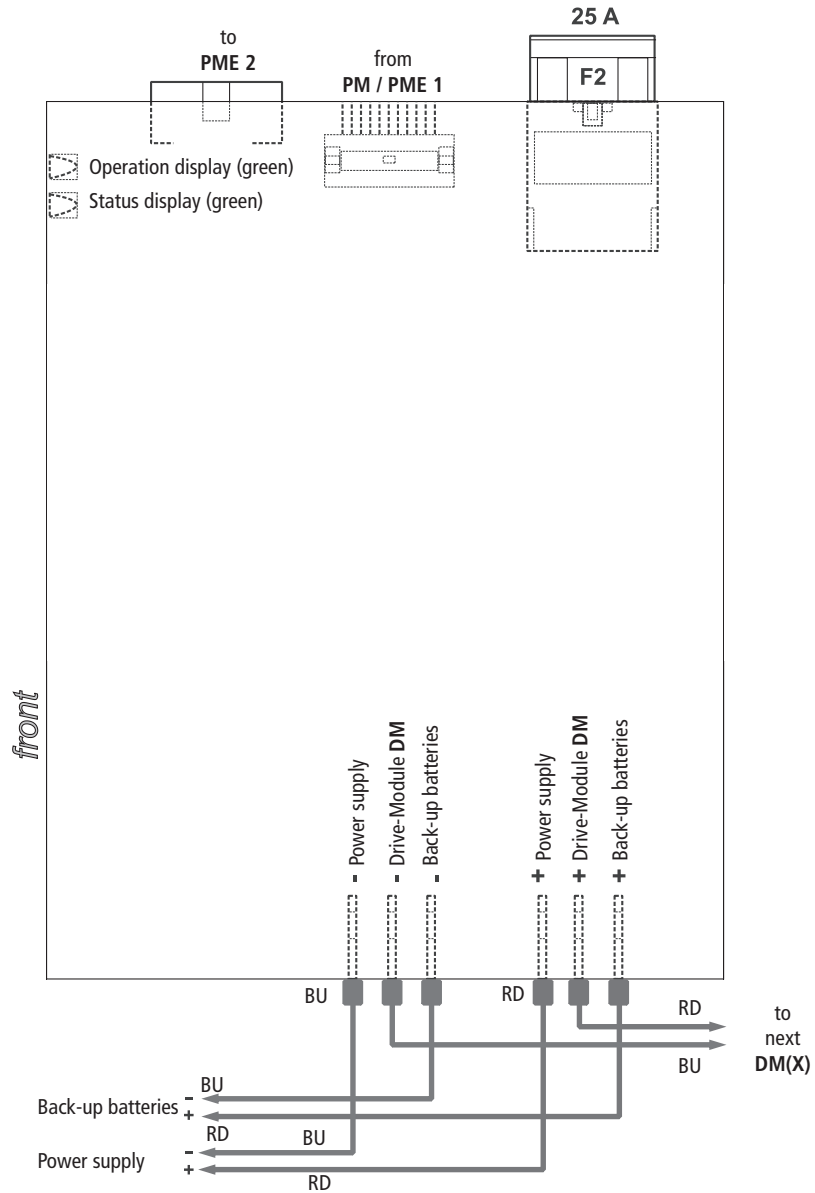
Warranty claims require proper and professional assembly, installation and maintenance in accordance with national regulations and manufacturer's instructions as to SHEV Control Unit. Always disconnect the system from power supply and back-up battery voltage prior to any installation or modification work on the control unit.



Strictly observe the information given in the SHEV Control Unit **EMB 8000** description when mounting the Power-Module-Extension **PME**. Keep this instruction over the lifetime of the control unit.



CONNECTION: POWER-MODULE-EXTENSION PME

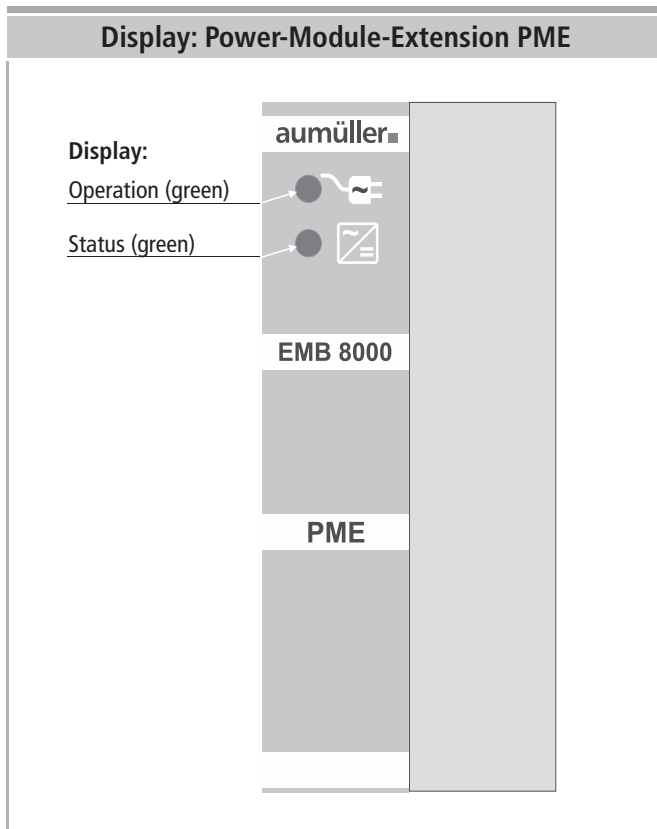
Connection: Power-Module-Extension PME (VdS-tested)



BK	=	black
BN	=	brown
BU	=	blue
OG	=	orange
RD	=	red





INDICATOR AND CONTROL ELEMENTS

Display the operating state	
Icon	Importance
	Display green: Permanently lit: Correct conditions Blinks: Back-up battery operation (power failure)
	



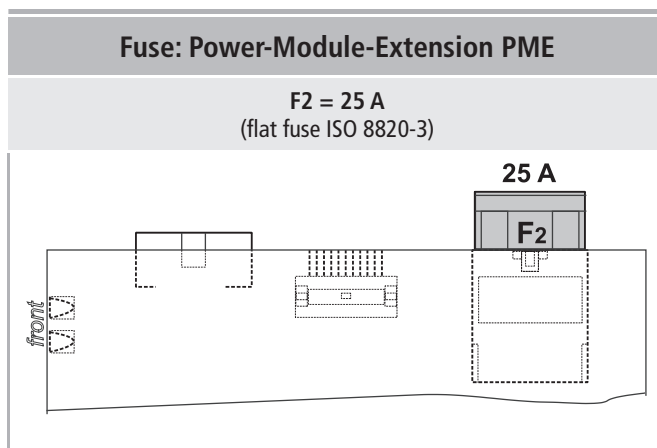
TROUBLESHOOTING AND REPAIR

All functions and system components that are important for the SHEVS operation are constantly monitored for faults. A fault indication signals the type of fault and, respectively, possible errors when connecting system components during commissioning of the Control Unit.

Power module extension PME		
Back-up battery operation (power failure)	Cause / possible solution	
 green	no signal	
 green	no signal	
Fault	Display from PM!	Cause / possible solution
 gelb		Fuse defective at the PME
Reacts with a delay of approx. 30 seconds.		

FUSE

The fuse is located on top of the respective module. The following modules are secured with fuses:





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