

EXTENSION MODULE

Technical datasheet Nr 87



• DESCRIPTION:



Solar

The extension module provides 6 additional temperature sensor inputs and 5 additional relays for the solar controllers 800X, 600X and 600i.

It will be possible for example to connect simultaneously up to 5 extension modules to the 800X solar controller, thus increasing the input number to 45 and the output number to 39.

It is usable for all functions of controllers 800X, 600X and 600i. All these functions are set up from the controller. The extension module transmits all the data collected to the solar controller. The temperatures of temperature sensors, the states and the speeds of the relays can be read directly on the module display.

A slide switch allows to switched off or set to automatic mode an adjustable selection of relays.

An indicator lamp allows to detect any operating error.

• TECHNICAL SPECIFICATIONS:

Temperature sensor input Pt1000, Pt500 or KTY	6
Relay outputs in total	5
- whose semiconductor relays (whose speed control)	4 (4)
- whose potential-free relay	1
Vbus data interface	yes
Display	7-segment LC display and control lamps
Housing	plastic, PC-ABS, PMMA
Mounting	wall mounting
Dimensions	144 x 208 x 43 mm
Ambient temperature	0 °C to 40 °C
Ingress protection	IP 20 / IEC 60529
Protection class	II
Switching capacity / relay	semiconductor 1 (1) A 240V~
Switching capacity / relay	potential-free 4 (1) A 24 V= / 240 V~
Total switching capacity	4 A 240 V~
Absorbed power	<1 W (in standby)
Power supply	100...240 V~, 50...60 Hz
Compatibility with solar controller	yes: 800X, 600X and 600i

• AVAILABLE MODEL:

Reference	Designation
40030506001	Extension module