

UPS controller module 24V DC

The compact and innovative UPS controller USV2410 recognizes fluctuations and interruptions of the 24V DC supply voltage from connected consumers. The components are thus protected against undefined operating conditions, which can lead to hazards for man and machine. Typical application areas are OEM applications in mechanical engineering. The UPS controller monitors and regulates the 24V DC supply voltage. The buffer time depends on the used battery pack (USVBPxx).



Technical Data

USV2410

Conformity

EMC Directive	2014/30/EU
LVD Directive	2014/35/EU

Voltage regulation

Supported battery modules

USVBP01

Technical data

Enclosure	IP 20
Pollution degree	2
protection against conductive dirt contamination through mounting in control cabinet with a degree of protection of IP54	

LED display

6 Status LED

Mounting	in the control cabinet; on DIN-rail NS 35 OR screw fastener on electrically conductive and earthing mounting plate
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I/O-Interface

1 digital output	ready
1 digital output	alarm

Input data

Input voltage controller	24 V DC
Input current controller	10 A
Input voltage battery	12 V DC
Input current battery	max. 20 A (UPS active)
Charging current	1 A (adjustable)

Engineering interface

USB-Interface	Micro-USB
SD-Card (firmware update)	microSDHC

Output data

Output voltage controller	24 V DC
Output current controller	10 A

Dimensions USV2410

Device	Weight [kg]	Height [mm]	Width [mm]	Depth [mm]
USV2410	0,6	128	30	125

