

# PSU-110V\_0,1As

Power Storage Unit  
Maintenancefree Capacitor Buffer

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## Power Storage Unit

Capacitive power storage free of maintenance  
as replacement for batteries or as additional back-up  
Includes charging facility and universal power supply

## Expected life time 3-5 times higher than from battery

## Charging from low voltage 110..230 VAC/DC, Voltage Transf. (VT) or Current Transformer (CT)

## Supply of magnetic tripping coils of power-circuit breaker- or loadbreaker or protecting relays

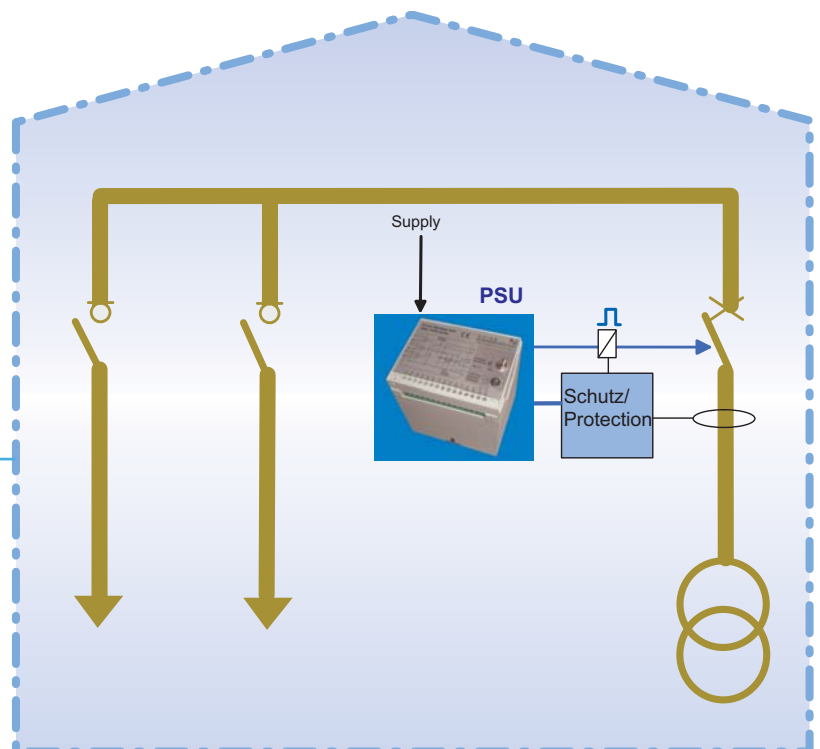
Suitable for 110..230VAC/DC magnetic tripping coils  
Separate DC-output ( $U_{out}=U_{in}$ ) for supply & short-time back-up of protecting relay

## Fast recharging

<1s @ 110VAC

## Easy installation

C-bar mounting



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## Technical Data

Input 1-2 and/or 3-4  
and/or 5-6: 110 .. 230 VAC/DC (e.g. low voltage, voltage transf. or current transf.)

Output 9-7: Buffer for magnetic tripping coil:  $U_{out} = U_{in}(AC) * 1.4$ ;  $U_{out} = U_{in}(DC)$   
Output 10-8: Supply and short-time buffer for protecting relay, 110 VDC  
Output 11,12,13: Charge control relay

Capacity: Output 9-7: 900  $\mu$ F; Output 10-8: 600 $\mu$ F  
Charge: Output 9-7: 0,1As; Output 10-8: 0,07 As  
Power content: Output 9-7: 11 Ws; Output 10-8: 7 Ws

Dimensions: hxwd = 70 x 100 x 120 mm  
Weight: 550 g  
Protecting degree: IP 40

Operating temperature: -25°C .. +55°C  
Storage temperature: -30°C ... +70°C  
Expected lifetime: about 20 years @ 25°C

Cable outlet: screw-sockets  
Housing: Plastic, PC  
Mounting: C-bar mountable

Article -#: 2500722

## Block-diagram

