



PV AC USW32A N-0-NOT N-PE FI-A 300mA

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Ready-to-connect AC switch box with star bridge for emergency power

Designed for grid feeds up to 32A.

Mains feedback and emergency power up to 32A depending on the inverter.

Manual changeover switch for operation

ON I: Mains operation: X2 and inverter are connected to the mains. (No switchover to emergency power)

0: Terminal output X2 is off

ON II: Emergency operation: Supply via inverter. (Switches automatically to emergency power.)

Two relays for the creation of the neutral point (PE-N) in case of mains failure.

Mains supply of the inverter (AC Grid) fused with circuit breaker type C,4-pole, 32A.

Connection directly to the circuit breaker.

Emergency power output of the inverter (AC Load) fused with type A RCD, 4-pole, 40A 300mA, selective. Connection via spring terminals 6mm².

Property and personal protection in emergency power operation.

Connection terminals with 2.5m pre-assembled cable for communication of the inverter with Smartmeter, battery BCU, feedback neutral relay and additional RS232(e.g. for solar manager)

General ordering data

Type:	PV AC USW32A N-0-NOT N-PE FI-A 300mA
Order.-No.:	94045
QTY:	1



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Technical Data

Dimensions and weight

Width:	328 mm	Height:	400 mm
Depth:	140 mm	Weight:	6500 g

Outputs AC

Connection type	Terminals 6mm ²	Number of outputs	1
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Inputs AC

Connection type	Terminals 6mm ²	Number of inputs	3
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Electrical characteristics

		Input current; per input/total	
Rated voltage	3x400V AC	I _{IN pro} Input/total	32/32 A AC
Grounding	6mm ²		

Casing

Mounting type	Wall mounting	Protection class	IP65
Material	Plastics		
max. temperature	-15°C to +45°C	(ambient temperature)	