

# Residential AC Safety Box

For one Single phase inverter

AC 10 - APR

AC 16 - APR

AC 20 - APR

AC 25 - APR

**AC 32 - APR**

Residential Solar Safety Box for one inverter single-phase

30mA Type A-APR (high immunity protection)

Surge Protection Device (SPD)



Option : Energy Meter



Inverter AC Max Output	AC10-APR	AC16-APR	AC20-APR	AC25-APR	<b>AC32-APR</b>
		2000 VA	3200 VA	4000 VA	5000 VA
<b>Inverter protection</b>	ABB RCCB Icc 4.5kA - 30mA Type A-APR (high immunity)				
<b>General switch off</b>					
<b>SPD protection</b>	ABB MCB Circuit Breaker 20A 2 poles Icc 4.5kA				
<b>SPD - Surge Protection Device</b>	Citel AC Surge Protection Device Type 2 In 20kA – I <sub>max</sub> 40kA 2 poles				
<b>Cabling</b>	HO7-VK				
<b>Earth</b>	Earth Terminal bloc 2x16mm <sup>2</sup> + 5x10mm <sup>2</sup>				
<b>Exit</b>	Copper only. Exit towards network, up to 16mm <sup>2</sup>				
<b>Cable glands</b>	1 PG 21 1 PG 16 4 PG 9				
<b>Plastic distribution box</b>	IP 65 – Outdoor installation possible 6 modules : 231 H x 202 W x 113 D mm				
<b>Net weight</b>	1,560 kg				



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