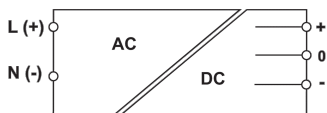




Single phase power supply input  
120-230Vac / output  $\pm 5 \dots \pm 15$ Vdc 2.1A@12V

<b>Series</b>	Domotic Power
<b>Code</b>	XCSD1060W012VAD
<b>Type</b>	CSD1-060W/012V/AD
<b>HS code</b>	85044083
<b>INPUT TECHNICAL DATA</b>	
<b>Input rated voltage</b>	120–230 Vac
<b>Input voltage AC</b>	90...264 Vac
<b>Input voltage DC</b>	100...370 Vdc (derating Uin
<b>Frequency</b>	47...63 Hz
<b>Current consumption</b>	0.94 A (120 Vac) / 0.54 A (230 Vac)
<b>Inrush peak current</b>	15 A
<b>Power factor</b>	> 0.6
<b>Internal protection fuse</b>	T 2 A
<b>External protection on AC line</b>	MT: C-3 A / Fuse: T-3.15 A
<b>OUTPUT TECHNICAL DATA</b>	
<b>Output voltage range</b>	$\pm 5 \dots \pm 15$ Vdc $\pm 1\%$
<b>Output adjustable range</b>	$\pm 5 \dots \pm 15$ Vdc
<b>Continuous current</b>	2.5 A ( $\pm 5$ Vdc), 2.3 A ( $\pm 10$ Vdc), 2.1 A ( $\pm 12$ Vdc), 1.7 A ( $\pm 15$ Vdc)
<b>Overload limiting</b>	7.5 A ( $\pm 5$ Vdc), 5.9 A ( $\pm 10$ Vdc), 5.4 A ( $\pm 12$ Vdc), 4.8 A ( $\pm 15$ Vdc)
<b>Ripple @ nominal ratings</b>	50 mVpp
<b>Hold up time</b>	20ms
<b>Status indication</b>	LED "DC OK"
<b>Parallel connection</b>	possible
<b>Redundant parallel connection</b>	possible with external ORing diode
<b>GENERAL TECHNICAL DATA</b>	
<b>Efficiency</b>	75% (5 Vdc output) / 83% (12 Vdc output)
<b>Dissipated power</b>	9.4 W (120 Vac) / 9.5 W (230 Vac)
<b>Operating temperature range</b>	-20...+60°C (derating 2W > 55°C)
<b>Input / output isolation</b>	3 KVac / 60 s (SELV output)
<b>Input / ground isolation</b>	class 2, without PE link
<b>Output / ground isolation</b>	class 2 without PE connection
<b>Standard / approvals</b>	EN 62368-1
<b>EMC Standard</b>	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
<b>Overvoltage category / pollution degree</b>	II / 2
<b>Protection degree</b>	IP 20
<b>Connection terminal</b>	2.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup>
<b>Housing material</b>	UL94V-0 plastic material
<b>Dimensions (LxHxD)</b>	71x62x90 mm
<b>Approximate weight</b>	200 g
<b>Mounting information</b>	vertical on a rail, 10 mm from adjacent components
<b>ACCESSORIES</b>	
<b>Mounting rail (IEC60715/TH35-7.5)</b>	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
<b>Alarm contact</b>	no
<b>Mounting rail (IEC60715/TH35-15)</b>	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB
<b>APPROVALS AND MARKINGS</b>	CE,



\* Single phase and DC input\* Short circuit, overload and input overvoltage protection\* Over temperature protection\* Suitable for standard applications\* Isolation Class 2, no grounding needed  
1 Please refer to the datasheet for more details2 Above overcurrent limit, the protection starts cycling in ON/OFF mode(hiccup autoreset), the maximum current supplied depends by the line resistance

## DESCRIZIONE DEL PRODOTTO

CSD1-060W/012V/AD

Single phase power supply input 120-230Vac / output  $\pm 5 \pm 15$ Vdc 2.1A@12V