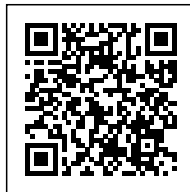
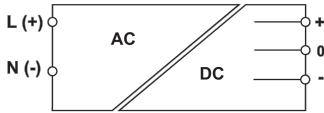




Single phase power supply IN: 120–230Vac / OUT: $\pm 5 \dots \pm 15$ Vdc 2.1 A @ ± 12 Vdc

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

Single phase power supply IN: 120–230 Vac / OUT: $\pm 5 \dots \pm 15$ Vdc 2.1 A @ ± 12 Vdc