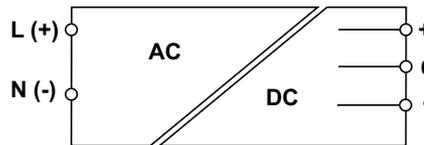


- Single phase and DC input
- Short circuit, overload and input overvoltage protection
- Over temperature protection
- Suitable for standard applications
- Isolation Class 2, no grounding needed



NOTE

Please refer to the datasheet for more details
Above overcurrent limit, the protection starts cycling in ON/OFF mode(hiccup autoreset), the maximum current supplied depends by the line resistance



| CODE | XCS30F |
|---|---|
| TYPE | CSD30F |
| INPUT TECHNICAL DATA | |
| Input rated voltage | 120–230 Vac |
| Input voltage AC | 90...264 Vac |
| Input voltage DC | 100...345 Vdc (derating Uin<130 Vdc) |
| Frequency | 47...63 Hz |
| Current consumption | 0.4 A (120 Vac) / 0.2 A (230 Vac) |
| Inrush peak current | 13 A |
| Power factor | > 0.6 |
| Internal protection fuse | T 2 A |
| External protection on AC line | MCB: C-3 A / Fuse: T-3.15 A |
| OUTPUT TECHNICAL DATA | |
| Output rated voltage | ±12...±15 Vdc ±1% |
| Output adjustable range | ±12...±15 Vdc |
| Continuous current | 2x 0.6 A at 50°C |
| Overload limiting | >2x0.8 A |
| Short circuit peak current | — |
| Ripple @ nominal ratings | 50 mVpp |
| Hold up time | 50 ms (120 Vac) / 100 ms (230 Vac) |
| Status indication | LED "DC OK" |
| Alarm contact | — |
| Parallel connection | possible |
| Redundant parallel connection | possible with external ORing diode |
| GENERAL TECHNICAL DATA | |
| Efficiency | 87% (120 Vac) / 89% (230 Vac) |
| Dissipated power | 1.6 W (120 Vac) / 1.3 W (230 Vac) |
| Operating temperature range | -20...+60°C (derating -0.4 W >55°C) |
| Input / output isolation | 3 kVac / 60 s (SELV output) |
| Input / ground isolation | class 2 without PE connection |
| Output / ground isolation | class 2 without PE connection |
| Standard / approvals | EN 60950-1 |
| EMC Standards | 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 IN/OUT | 2.5 mm ² / 2.5 mm ² |
| Housing material | UL94V-0 plastic material |
| Dimension | 71x62x90 mm |
| Approximate weight | 200 g |
| Mounting information | vertical on a rail, 10 mm from adjacent components |
| APPROVALS |   |
| ACCESSORIES | |
| Mounting rail (IEC60715/TH35-7.5) | PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB |
| Mounting rail (IEC60715/TH35-15) | PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB |
| Marking tag | — |