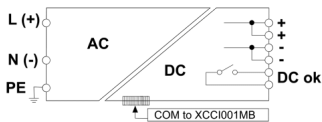

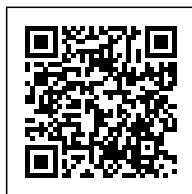


Single-phase power supply input

120-230Vac / output 72Vdc 6.6A with communication port



| | |
|--|---|
| Series | Easy Power |
| Code | XCSSL1480W072VAB |
| Type | CSL1-480W/072V/AB (3) |
| INPUT TECHNICAL DATA | |
| Input rated voltage | 120–230 Vac |
| Input voltage AC | 85...264 Vac |
| Input voltage DC | 100...370 Vdc (derating U _{in}) |
| Frequency | 47...63 Hz |
| Current consumption | 4.4 A (120 Vac) / 2.2 A (230 Vac) |
| Inrush peak current | 36 A |
| Power factor | > 0,99 |
| Internal protection fuse | Yes 8 A |
| External protection on AC line | MT: C-6 A / Fuse: T-6.3 A |
| OUTPUT TECHNICAL DATA | |
| Output voltage range | 72 Vdc ±1% |
| Output adjustable range | 60...81 Vdc |
| Continuous current | 6.6 A at 50°C |
| Overload limiting | 7.5 A (max. 9 A constant current) |
| Short circuit peak current | 18A 100 ms On /800 ms Off (HICCUP mode) |
| Ripple @ nominal ratings | 200 mVpp |
| Hold up time | 18 ms (120 Vac) / 18 ms (230 Vac) |
| Status indication | LED "DC OK", LED "Stand-by" |
| Alarm contact | dry contact, max. 1A @ 24 Vdc (U _{out} >68.4 Vdc) |
| Parallel connection | possible |
| Redundant parallel connection | possible with external ORing diode |
| GENERAL TECHNICAL DATA | |
| Efficiency | 91.5 % |
| Dissipated power | 44 W |
| Operating temperature range | -20...+70°C (derating -14 W/°C >50°C) |
| Input / output isolation | 3 kVac / 60 s (no SELV output) |
| Input / ground isolation | 1.5 kVac / 60 s |
| Output / ground isolation | 0.5 kVac / 60 s |
| Safety Standard | EN 62368-1, UL508 |
| EMC Standard | EN 61000-3-2, EN 61000-3-3, EN 61000-4-11, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-6-2, EN 61000-6-4 |
| Overvoltage category / pollution degree | II / 2 |
| Protection degree | IP 20 |
| Connection terminal | 4 mm ² / 4 mm ² |
| Housing material | aluminium |
| Dimensions (LxHxD) | 80x170x127 mm |
| Approximate weight | 1.5 kg |
| Mounting information | vertical on a rail, 20 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 |
| APPROVALS AND MARKINGS | |
| | CE,  |



- * Single phase and DC input
- * Short circuit, overload, input and output overvoltage protections
- * Over temperature protection
- * Alarm contact
- * High overload capability to ensure the protections selectivity and start-up of heavy loads

1 (3) With communication port that allow the connection to the net through the external interface XCCI001MB (product on demand)
2 Please refer to the datasheet for more details

PRODUCT DESCRIPTION

CSL1-480W/072V/AB
Single-phase power supply input 120-230Vac / output 72Vdc 6.6A
with communication port