



Single phase power supply input 120-230Vac / output 24Vdc 20A

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|---|---|
| Series | Easy Power |
| Code | XCSE1480W024VAA |
| Type | CSE1-480W/024V/AA |
| HS code | 85044083 |
| INPUT TECHNICAL DATA | |
| Input rated voltage | 120-230 Vac |
| Input voltage AC | 90...264 Vac |
| Input voltage DC | 127...370 Vdc |
| Frequency | 47...63 Hz |
| Current consumption | 5 A (115 Vac) / 2.4 A (230 Vac) |
| Inrush peak current | 20 A (115 Vac) / 35 A (230 Vac) |
| Power factor | >0.98 (115 Vac) / >0.94 (230 Vac) |
| Internal protection fuse | T 8 A |
| External protection on AC line | MCB: C-8 A / Fuse: T 8 A |
| OUTPUT TECHNICAL DATA | |
| Output voltage range | 24 Vdc |
| Output adjustable range | 24...28 Vdc |
| Continuous current | 20.0 A |
| Overload limiting | 20 A for > 3S |
| Short circuit peak current | 50 A for 10 ms |
| Ripple @ nominal ratings | 150 mVpp |
| Hold up time | 16 ms (115 Vac) / 16 ms (230 Vac) |
| Status indication | LED "DC OK" |
| Alarm contact | - |
| Parallel connection | - |
| Redundant parallel connection | possible with external ORing diode |
| GENERAL TECHNICAL DATA | |
| Efficiency | 91% (115 Vac) / 92.5% (230 Vac) |
| Dissipated power | 48.99 W (115 Vac) / 35.17 W (230 Vac) |
| Operating temperature range | -20°C...+70°C (derating -12 W/°C >50°C) |
| Input / output isolation | 3 kVac / 60 s |
| Input / ground isolation | 2 kVac / 60 s |
| Output / ground isolation | 0.5 kVac / 60 s |
| Safety Standard | EN 62368-1, UL508 |
| EMC Standard | EN 55032, EN 55035, 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 |
| Overvoltage category / pollution degree | III / 2 |
| Protection degree | IP 20 |
| Connection terminal | 4 mm ² / 4 mm ² |
| Housing material | aluminium, steel |
| Dimensions (LxHxD) | 85x125x129 mm |
| Approximate weight | 1.5 kg |
| Mounting information | vertical on a rail, distance from adjacent components: 40 mm top and bottom, 10 mm left and right |
| 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 |
| APPROVALS AND MARKINGS | CE,  |



PRODUCT DESCRIPTION

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