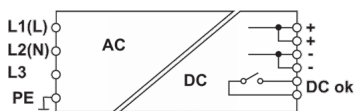
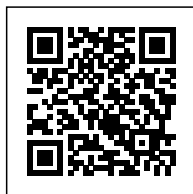


1-2-3-phase power supply IN: 1-2-3x 230-400-500Vac / OUT: 48Vdc 10A



| | |
|--|--|
| Series | Universal Power |
| Code | XCSW481D |
| Type | CSW481D |
| HS code | 85044083 |
| INPUT TECHNICAL DATA | |
| Input rated voltage | 1-2-3x 230-400-500 Vac |
| Input voltage AC | 187...550 Vac |
| Input voltage DC | 250...725 Vdc |
| Frequency | 47...63 Hz |
| Current consumption | 2.2 A (230 Vac) / 1 A (400 Vac) |
| Inrush peak current | 20 A (230 Vac) / 40 A (500 Vac) |
| Power factor | > 0.95 |
| External protection on AC line | MT: C-6 A / Fuse: T-6.3 A |
| OUTPUT TECHNICAL DATA | |
| Output voltage range | 48 Vdc ±1% |
| Output adjustable range | 45...55 Vdc |
| Continuous current | 10 A at 45°C |
| Overload limiting | 14 A for >5 s |
| Short circuit peak current | 25 A for 0.3 s |
| Ripple @ nominal ratings | 100 mVpp |
| Hold up time | 20 ms (230 Vac) / 20 ms (400 Vac) |
| Status indication | LED "DC OK" / LED "Alarm" |
| Alarm contact | dry contact, max. 1A |
| Parallel connection | possible |
| Redundant parallel connection | possible with external ORing diode |
| GENERAL TECHNICAL DATA | |
| Efficiency | 92% (230 Vac) / 92% (400 Vac) |
| Dissipated power | 42 W (230 Vac) / 42 W (400 Vac) |
| Operating temperature range | -20...+60°C (derating -16 W >45°C) |
| Input / output isolation | 3 kVac / 60 s (SELV output) |
| Input / ground isolation | 2 kVac / 60 s |
| Output / ground isolation | 0.5 kVac / 60 s |
| Standard / approvals | EN 60950-1 |
| EMC Standard | EN 61000-6-2, 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 | aluminium |
| Dimensions (LxHxD) | 73x137x140 mm |
| Approximate weight | 1 kg |
| 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 |
| 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, 2-phase and 3-phase input* Short circuit, overload, input and output overvoltage protections* Over temperature protection* Suitable for applications that require high reliability and performance* Smart alarm contact, signals when output voltage drops more than 10%* High overload capability to ensure the protections selectivity and start-up of heavy loads
1 Please refer to the datasheet for more details
2 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

1-2-3-phase power supply IN: 1-2-3x 230-400-500 Vac / OUT: 48 Vdc 10 A