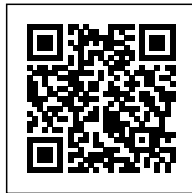


3-phase

power supply input 400-500Vac / output 24Vdc 20A

| | |
|--|--|
| Series | Triple Power |
| Code | XCSG500C |
| Type | CSG500C |
| HS code | 85044083 |
| INPUT TECHNICAL DATA | |
| Input rated voltage | 3x 400–500 Vac |
| Input voltage AC | 340...550 Vac |
| Frequency | 47...63 Hz |
| Current consumption | 1 A (400 Vac) / 0.6 A (500 Vac) |
| Inrush peak current | 35 A |
| Power factor | > 0.75 |
| External protection on AC line | MT: C-10 A / Fuse: T 10 A |
| OUTPUT TECHNICAL DATA | |
| Output voltage range | 24 Vdc ±1% |
| Output adjustable range | 24...28 Vdc |
| Continuous current | 20 A at 50°C |
| Overload limiting | 22 A for >5 s |
| Short circuit peak current | 35 A for 5 s |
| Ripple @ nominal ratings | 100 mVpp |
| Hold up time | 15 ms (400 Vac) / 30 ms (500 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 | 93% (400 Vac) / 93% (500 Vac) |
| Dissipated power | 36 W (400 Vac) / 36 W (500 Vac) |
| Operating temperature range | -20...+60°C (derating -6 W >50°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 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4 |
| Overvoltage category / pollution degree | II / 2 |
| Protection degree | IP 20 |
| Connection terminal | 4 mm ² / 4 mm ² |
| Housing material | aluminium |
| Dimensions (LxHxD) | 80x139x127 mm |
| Approximate weight | 1.3 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 |
| Marking tag | TAP207A, TAP128A, TAP178A, TAP209A |
| APPROVALS AND MARKINGS | CE, |



* 3-phase 400-500 Vac input or 2-phase with derating* 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 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

CSG500C 3-phase power supply input 400-500Vac / output

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24Vdc 20A