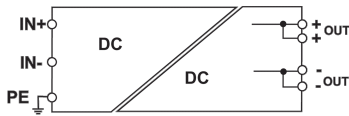
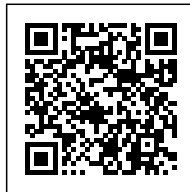


DC/DC converter 24Vdc/ 12-15Vdc 7A



| | |
|--|--|
| Code | XCSA120CB |
| Type | CSA120CB |
| HS code | 85044083 |
| INPUT TECHNICAL DATA | |
| Input rated voltage | 24 Vdc |
| Input voltage DC | 18...36 Vdc |
| Current consumption | 5.1 A (24 Vdc) ±10% |
| Inrush peak current | 110 A |
| Internal protection fuse | T 10 A |
| External protection on AC line | MT: C-13 A / Fuse: T-13 A |
| OUTPUT TECHNICAL DATA | |
| Output voltage range | 12...15 Vdc |
| Output adjustable range | 12...15 Vdc |
| Continuous current | 7 A (12 Vdc) |
| Overload limiting | 9.1 A |
| Short circuit peak current | 15 A for 300 ms |
| Ripple @ nominal ratings | 100 mVpp |
| Hold up time | 2 ms |
| Status indication | LED "DC OK" |
| Parallel connection | possible |
| Redundant parallel connection | possible with external ORing diode |
| GENERAL TECHNICAL DATA | |
| Efficiency | 85% (24 Vdc) |
| Dissipated power | 17 W (24 Vdc) |
| Operating temperature range | -20...+50°C |
| Input / output isolation | 2.1 kVdc / 60s |
| Input / ground isolation | 1.41 kVdc / 60s |
| Output / ground isolation | 0.75 kVdc / 60s |
| 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 | 2.5 mm ² / 2.5 mm ² |
| Housing material | aluminium |
| Dimensions (LxHxD) | 40x130x115 mm |
| Approximate weight | 550 g |
| Mounting information | vertical on a rail, 10 mm from adjacent components |
| Alarm contact | no |
| 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, |



* DC wide range input* Short circuit, overload, input and output overvoltage protections* Over temperature protection* Compact dimension

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 resistance3 Inrush current measured at Un with battery power supply; peak current varies according to the internal impedance of the current source and the resistance of the connections.4 The capacitors between phase and neutral, requires that the isolation tests are carried out in DC

DESCRIZIONE DEL PRODOTTO

CSA120CB DC/DC
converter 24Vdc/ 12-15Vdc 7A