

- DC wide range input
- Short circuit, overload, input and output overvoltage protections
- Over temperature protection
- Compact dimension
- Internal diode for the redundant parallel connection

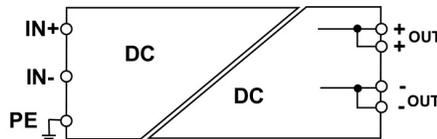
NOTE

Please refer to the datasheet for more details

Above overcurrent limit, the protection starts cycling in ON/OFF mode (hiccup autoreset), the maximum current supplied depends by the line resistance

Inrush current measured at U_n with battery power supply; peak current varies according to the internal impedance of the current source and the resistance of the connections.

The capacitors between phase and neutral, requires that the isolation tests are carried out in DC



CODE	XCSA240FC	
TYPE	CSA240FC	
INPUT TECHNICAL DATA		
Input rated voltage	110 Vdc	
Input voltage AC	—	
Input voltage DC	100...130 Vdc	
Frequency	—	
Current consumption	2.4 A (110 Vdc) ±10%	
Inrush peak current	150 A	
Power factor	—	
Internal protection fuse	T 5 A	
External protection on AC line	MCB: C-6 A / Fuse: T-6 A	
OUTPUT TECHNICAL DATA		
Output rated voltage	24 Vdc	
Output adjustable range	23...27 Vdc	
Continuous current	10 A at 50°C	
Overload limiting	15 A	
Short circuit peak current	21 A for 300 ms	
Ripple \bar{U} nominal ratings	100 mVpp	
Hold up time	4 ms	
Status indication	LED "DC OK"	
Alarm contact	—	
Parallel connection	possible	
Redundant parallel connection	already fitted with internal Oring diode	
GENERAL TECHNICAL DATA		
Efficiency	89% (110 Vdc)	
Dissipated power	28W (110 Vdc)	
Operating temperature range	-20...+60°C (derating -6 W >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 Standards	EN 61000-6-2, EN 61000-6-4	
Overvoltage category / Pollution degree	II / 2	
Protection degree	IP 20	
Connection terminal IN/OUT	2.5 mm ² / 2.5 mm ²	
Housing material	aluminium	
Dimension	40x130x115 mm	
Approximate weight	800 g	
Mounting information	vertical on a rail, 10 mm from adjacent components	
APPROVALS	CE	
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	