

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



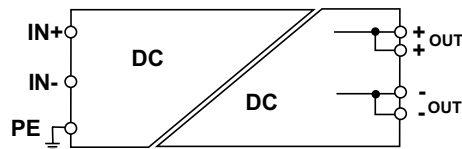
NOTE

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 @ 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	
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	—