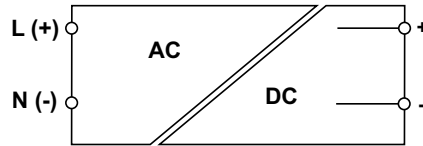


- Single phase and DC input
- Short circuit, overload and input overvoltage protection
- Compact dimension
- Suitable for standard applications
- Isolation Class 2, no grounding needed



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
 Produced on demand, contact our sales office for availability



CODE	XCSF30C
TYPE	CSF30C
INPUT TECHNICAL DATA	
Input rated voltage	120–230 Vac
Input voltage AC	90...264 Vac
Input voltage DC	100...320 Vdc (derating Uin<130 Vdc)
Frequency	47...63 Hz
Current consumption	0.55 A (120 Vac) / 0.3 A (230 Vac)
Inrush peak current	25 A
Power factor	> 0.6
Internal protection fuse	T 1.25 A
External protection on AC line	MCB: C-2 A / Fuse: T-2 A
OUTPUT TECHNICAL DATA	
Output rated voltage	24 Vdc ±1%
Output adjustable range	—
Continuous current	1.2 A at 50°C
Overload limiting	1.4 A
Short circuit peak current	—
Ripple @ nominal ratings	50 mVpp
Hold up time	10 ms (120 Vac) / 30 ms (230 Vac)
Status indication	LED "DC OK"
Alarm contact	—
Parallel connection	possible
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	86% (120 Vac) / 87% (230 Vac)
Dissipated power	4.7 W (120 Vac) / 4.3 W (230 Vac)
Operating temperature range	-20...+60°C (derating -0.75 W >50°C)
Input / output isolation	3 KVac / 60 s (SELV output)
Input / ground isolation	class 2 without PE connection
Output / ground isolation	class 2 without PE connection
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	UL94V-0 plastic material
Dimension	23x99x82 mm
Approximate weight	140 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)	—
Marking tag	—