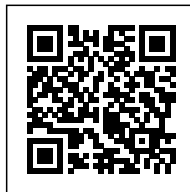


Single phase power supply IN:
120–230Vac / OUT: 24Vdc 5A

Series	COOL POWER
Code	XCSF120C
Type	CSF120C
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	120–230 Vac
Input voltage AC	90...264 Vac
Input voltage DC	100...345 Vdc (derating Uin)
Frequency	47...63 Hz
Current consumption	1.9 A (120 Vac) / 1.1 A (230 Vac)
Inrush peak current	20 A
Power factor	> 0.65
Internal protection fuse	T 3.15 A
External protection on AC line	MT: C-4 A / Fuse: T 4 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc \pm 1%
Output adjustable range	23...27.5 Vdc
Continuous current	5 A at 45°C
Overload limiting	8 A for >30 s
Short circuit peak current	15 A for 50 ms
Ripple @ nominal ratings	30 mVpp
Hold up time	17 ms (120 Vac) / 72 ms (230 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	86% (120 Vac) / 90% (230 Vac)
Dissipated power	19 W (120 Vac) / 13 W (230 Vac)
Operating temperature range	-20...+60°C (derating -1.9 W >45°C)
Input / output isolation	3 kVac / 60 s (SELV output)
Input / ground isolation	1.5 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	2.5 mm ² / 2.5 mm ²
Housing material	aluminium
Dimensions (LxHxD)	40x130x115 mm
Approximate weight	400 g
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
APPROVALS AND MARKINGS	



DESCRIZIONE DEL PRODOTTO

Single phase power supply IN: 120–230 Vac / OUT: 24 Vdc 5 A