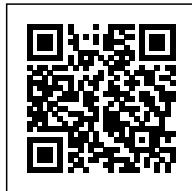


Single phase power supply IN: 120–230Vac / OUT: 24Vdc 5A



Series	Easy Power
Code	XCSL120C
Type	CSL120C (2)
HS code	8504403000
INPUT TECHNICAL DATA	
Input rated voltage	120–230 Vac
Input voltage AC	90...264 Vac
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 ±1%
Output adjustable range	23...27.5 Vdc
Continuous current	5 A
Overload limiting	8 A for >30 s
Short circuit peak current	13 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"
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 61000-6-2, 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
Alarm contact	no
Mounting rail (IEC60715/TH35-15)	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB
APPROVALS AND MARKINGS	CE,



* Single phase input* Short circuit, overload, input and output overvoltage protections* Over temperature protection* Suitable for standard applications

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 (1) discontinued product, replaced by XCSL1072W024VAA4 (2) discontinued product, replaced by XCSL1120W024VAA

DESCRIZIONE DEL PRODOTTO

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