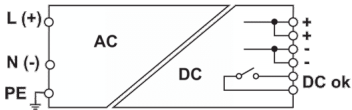
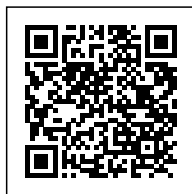


Single phase power supply IN: 120–230Vac / OUT: 24Vdc 5A



<b>Series</b>	Easy Power
<b>Code</b>	XCSSL1120W024VAA
<b>Type</b>	CSL1-120W/024V/AA
<b>HS code</b>	85044083
<b>INPUT TECHNICAL DATA</b>	
<b>Input rated voltage</b>	120–230 Vac
<b>Input voltage AC</b>	85...264 Vac
<b>Input voltage DC</b>	100...370 Vdc (derating U <sub>in</sub> )
<b>Frequency</b>	47...63 Hz
<b>Current consumption</b>	1.5 A (120 Vac) / 0.8 A (230 Vac)
<b>Inrush peak current</b>	20 A
<b>Power factor</b>	> 0.65
<b>Internal protection fuse</b>	T 3.15 A
<b>External protection on AC line</b>	MT: C-4 A / Fuse: T 4 A
<b>OUTPUT TECHNICAL DATA</b>	
<b>Output voltage range</b>	24 Vdc ±1%
<b>Output adjustable range</b>	16 ... 28 Vdc
<b>Continuous current</b>	5 A
<b>Overload limiting</b>	>6.2 A for >30 s
<b>Short circuit peak current</b>	15 A for 50 ms
<b>Ripple @ nominal ratings</b>	50 mVpp
<b>Hold up time</b>	20 ms (120 Vac) / 20 ms (230 Vac)
<b>Status indication</b>	LED "DC OK"
<b>Alarm contact</b>	dry contact, max. 1A
<b>Parallel connection</b>	possible
<b>Redundant parallel connection</b>	possible with external ORing diode
<b>GENERAL TECHNICAL DATA</b>	
<b>Efficiency</b>	85% (120 Vac) / 85% (230 Vac)
<b>Dissipated power</b>	21.2 W (120 Vac) / 21.2 W (230 Vac)
<b>Operating temperature range</b>	-20...+70°C (derating -3 W/°C >50°C)
<b>Input / output isolation</b>	3 kVac / 60 s (SELV output)
<b>Input / ground isolation</b>	1.5 kVac / 60 s
<b>Output / ground isolation</b>	0.5 kVac / 60 s
<b>Standard / approvals</b>	EN 62368-1
<b>EMC Standard</b>	EN 61000-6-2, EN 61000-6-4
<b>Overvoltage category / pollution degree</b>	II / 2
<b>Protection degree</b>	IP 20
<b>Connection terminal</b>	2.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup>
<b>Housing material</b>	aluminium
<b>Dimensions (LxHxD)</b>	40x115x115 mm
<b>Approximate weight</b>	400 g
<b>Mounting information</b>	vertical on a rail, 20 mm from adjacent components
<b>ACCESSORIES</b>	
<b>Mounting rail (IEC60715/TH35-7.5)</b>	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
<b>APPROVALS AND MARKINGS</b>	
	UL, CE, RoHS



\* Single phase and DC input\* Short circuit, overload, input and output overvoltage protections\* Over temperature protection\* Suitable for standard applications\* Alarm contact  
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 resistance

## DESCRIZIONE DEL PRODOTTO

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