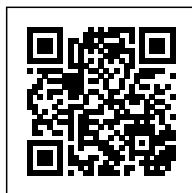
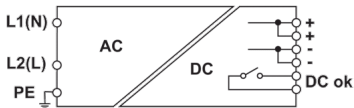




## 1-2-phase power supply input 230-400-500Vac / output 24Vdc 5A

<b>Series</b>	Universal Power
<b>Code</b>	XCSW121C
<b>Type</b>	CSW121C
<b>HS code</b>	85044083
<b>INPUT TECHNICAL DATA</b>	
<b>Input rated voltage</b>	1-2x 230-400-500 Vac
<b>Input voltage AC</b>	187...550 Vac
<b>Input voltage DC</b>	270...725 Vdc
<b>Frequency</b>	47...63 Hz
<b>Current consumption</b>	1.1 A (230 Vac) / 0.55 A (400 Vac)
<b>Inrush peak current</b>	20 A
<b>Power factor</b>	> 0.65
<b>External protection on AC line</b>	MT: C-6 A / Fuse: T-4 A
<b>OUTPUT TECHNICAL DATA</b>	
<b>Output voltage range</b>	24 Vdc $\pm$ 1%
<b>Output adjustable range</b>	24...27.5 Vdc
<b>Continuous current</b>	5 A
<b>Overload limiting</b>	7.5 A for >30 s
<b>Short circuit peak current</b>	14 A for 0.4 s
<b>Ripple @ nominal ratings</b>	100 mVpp
<b>Hold up time</b>	20 ms (230 Vac) / 80 ms (400 Vac)
<b>Status indication</b>	LED "DC OK" / LED "Alarm"
<b>Alarm contact</b>	dry contact, max. 1A @ 24 Vdc (Uout >21.6 Vdc)
<b>Parallel connection</b>	possible
<b>Redundant parallel connection</b>	possible with external ORing diode
<b>GENERAL TECHNICAL DATA</b>	
<b>Efficiency</b>	87% (230 Vac) / 87% (400 Vac)
<b>Dissipated power</b>	18 W (230 Vac) / 18 W (400 Vac)
<b>Operating temperature range</b>	-20...+60°C (derating -3 W >45°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>Safety Standard</b>	EN 62368-1, UL508
<b>EMC Standard</b>	EN 61000-3-2, EN 61000-3-3, EN 61000-4-11, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, 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>	40x115x130 mm
<b>Approximate weight</b>	600 g
<b>Mounting information</b>	vertical on a rail, 10 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>Mounting rail (IEC60715/TH35-15)</b>	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB
<b>APPROVALS AND MARKINGS</b>	CE,



- \* Single phase and 2-phase input
- \* Short circuit, overload, input and output overvoltage protections
- \* Over temperature protection
- \* Suitable for applications that require high reliability and performance
- \* Smart alarm contact, signals when output voltage drops more than 10%
- \* High overload capability to ensure the protections selectivity and start-up of heavy loads

1 Please refer to the datasheet for more details  
 2 Above overcurrent limit, the protection starts cycling in ON/OFF mode(hiccup autoreset), the maximum current supplied depends by the line resistance

## PRODUCT DESCRIPTION

CSW121C 1-2-phase power supply input 230-400-500Vac / output 24Vdc 5A