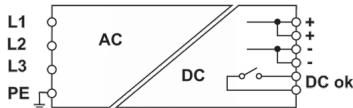
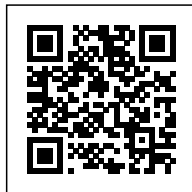


3-phase power supply IN: 3x 400–500Vac / OUT: 24Vdc 20A



<b>Series</b>	Triple Power
<b>Code</b>	XCSG481C
<b>Type</b>	CSG481C (1)
<b>HS code</b>	8504403000
<b>INPUT TECHNICAL DATA</b>	
<b>Input rated voltage</b>	3x 400–500 Vac
<b>Input voltage AC</b>	340...550 Vac
<b>Frequency</b>	47...63 Hz
<b>Current consumption</b>	1.2 A (400 Vac) / 0.8 A (500 Vac)
<b>Inrush peak current</b>	40 A
<b>Power factor</b>	> 0.95
<b>External protection on AC line</b>	MT: C-6 A / Fuse: T-6.3 A
<b>OUTPUT TECHNICAL DATA</b>	
<b>Output voltage range</b>	24 Vdc ±1%
<b>Output adjustable range</b>	23.3...27.5 Vdc
<b>Continuous current</b>	20 A at 45°C
<b>Overload limiting</b>	28 A for >5 s
<b>Short circuit peak current</b>	50 A for 0.3 s
<b>Ripple @ nominal ratings</b>	100 mVpp
<b>Hold up time</b>	50 ms (400 Vac) / 50 ms (500 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>	93% (400 Vac) / 92% (500 Vac)
<b>Dissipated power</b>	36 W (400 Vac) / 42 W (500 Vac)
<b>Operating temperature range</b>	-20...+60°C (derating -16 W >45°C)
<b>Input / output isolation</b>	3 kVac / 60 s (SELV output)
<b>Input / ground isolation</b>	2 kVac / 60 s
<b>Output / ground isolation</b>	0.5 kVac / 60 s
<b>Standard / approvals</b>	EN 60950-1
<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>	73x137x140 mm
<b>Approximate weight</b>	1 kg
<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,



\* 3-phase 400-500 Vac input or 2-phase with derating\* 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  
 3 (1) discontinued product, replaced by XCSL3480W024VAA

## DESCRIZIONE DEL PRODOTTO

3-phase power supply IN: 3x 400–500 Vac / OUT: 24 Vdc 20 A