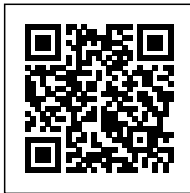
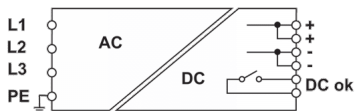




3-phase power supply IN: 3x 400–500Vac / OUT: 24Vdc 20A

Series	Triple Power
Code	XCSG500C
Type	CSG500C
HS code	85044083
<b>INPUT TECHNICAL DATA</b>	
Input rated voltage	3x 400–500 Vac
Input voltage AC	340...550 Vac
Frequency	47...63 Hz
Current consumption	1 A (400 Vac) / 0.6 A (500 Vac)
Inrush peak current	35 A
Power factor	> 0.75
External protection on AC line	MT: C-10 A / Fuse: T 10 A
<b>OUTPUT TECHNICAL DATA</b>	
Output voltage range	24 Vdc ±1%
Output adjustable range	24...28 Vdc
Continuous current	20 A at 50°C
Overload limiting	22 A for >5 s
Short circuit peak current	35 A for 5 s
Ripple @ nominal ratings	100 mVpp
Hold up time	15 ms (400 Vac) / 30 ms (500 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
<b>GENERAL TECHNICAL DATA</b>	
Efficiency	93% (400 Vac) / 93% (500 Vac)
Dissipated power	36 W (400 Vac) / 36 W (500 Vac)
Operating temperature range	-20...+60°C (derating -6 W >50°C)
Input / output isolation	3 kVac / 60 s (SELV output)
Input / ground isolation	2 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	4 mm <sup>2</sup> / 4 mm <sup>2</sup>
Housing material	aluminium
Dimensions (LxHxD)	80x139x127 mm
Approximate weight	1.3 kg
Mounting information	vertical on a rail, 10 mm from adjacent components
<b>ACCESSORIES</b>	
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
Marking tag	TAP207A, TAP128A, TAP178A, TAP209A
<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 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

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

