



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

Series	Triple Power
Code	XCSG500C
Type	CSG500C
HS code	85044083
INPUT TECHNICAL DATA	
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
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc $\pm 1\%$
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
GENERAL TECHNICAL DATA	
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 ² / 4 mm ²
Housing material	aluminium
Dimensions (LxHxD)	80x139x127 mm
Approximate weight	1.3 kg
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
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
APPROVALS AND MARKINGS	
CE, 	



DESCRIZIONE DEL PRODOTTO

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