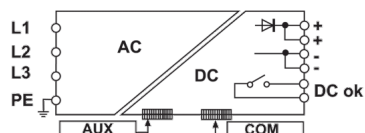


3-phase power supply input 400-500Vac / output 12-24Vdc 100A



Series	Triple Power
Code	XCSG2401C
Type	CSG2401C
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	4.5 A (400 Vac) / 3.5 A (500 Vac)
Inrush peak current	10 A (with active limitation circuit)
Power factor	> 0.92
External protection on AC line	MT: C-10 A / Fuse: T 10 A
OUTPUT TECHNICAL DATA	
Output voltage range	12-24 Vdc $\pm 1\%$
Output adjustable range	11.5...29 Vdc
Continuous current	100 A a 45°C
Overload limiting	150 A for >5 s
Short circuit peak current	150 A for 5 s
Ripple @ nominal ratings	200 mVpp
Hold up time	10 ms (400 Vac) / 10 ms (500 Vac)
Status indication	LED "DC OK" / LED "Alarm" / Display
Alarm contact	dry contact, max. 1A @ 24 Vdc (programmable)
Parallel connection	possible
Redundant parallel connection	already fitted with internal ORing diode
GENERAL TECHNICAL DATA	
Efficiency	92% (400 Vac) / 92% (500 Vac)
Dissipated power	200 W (400 Vac) / 200 W (500 Vac)
Operating temperature range	-20...+60°C (derating -40 W >45°C)
Input / output isolation	3 kVac / 60 s (SELV output)
Input / ground isolation	1.5 kVac / 60 s
Output / ground isolation	0.5 kVac / 60 s
Safety Standard	UL 61010-1, UL 61010-2-201, UL508
EMC Standard	EN 61000-3-2, EN 61000-4-11, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal	4 mm ² / 35 mm ²
Housing material	aluminium
Dimensions (LxHxD)	234x105x130 mm
Approximate weight	2.8 Kg
Mounting information	vertical on a rail, 60 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,



* 3-phase 400-500 Vac input* Short circuit, overload, input and output overvoltage protections* Over temperature protection* Suitable for applications that require high reliability and performance* Smart and programmable alarm contact* High overload capability to ensure the protections selectivity and start-up of heavy loads
1 Please refer to the datasheet for more details2 Overcurrent protection can be set to Hiccup or constant current mode, the maximum current supplied depends by the line resistance

PRODUCT DESCRIPTION

CSG2401C 3-phase power supply input 400-500Vac / output 12-24Vdc 100A