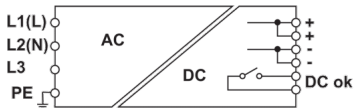
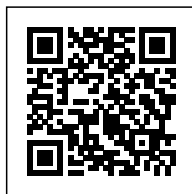


1-2-phase

power supply input 230-400-500Vac / output 24Vdc 20A



Series	Universal Power
Code	XCSW481C
Type	CSW481C
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	1-2-3x 230-400-500 Vac
Input voltage AC	187...550 Vac
Input voltage DC	250...725 Vdc
Frequency	47...63 Hz
Current consumption	2.2 A (230 Vac) / 1 A (400 Vac)
Inrush peak current	20 A (230 Vac) / 40 A (500 Vac)
Power factor	> 0.95
External protection on AC line	MT: C-6 A / Fuse: T-6.3 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc \pm 1%
Output adjustable range	23.3...27.5 Vdc
Continuous current	20 A at 45°C
Overload limiting	28 A for >5 s
Short circuit peak current	50 A for 0.3 s
Ripple @ nominal ratings	100 mVpp
Hold up time	20 ms (230 Vac) / 20 ms (400 Vac)
Status indication	LED "DC OK" / LED "Alarm"
Alarm contact	dry contact, max. 1A @ 24 Vdc (Uout >21.6 Vdc)
Parallel connection	possible
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	92% (230 Vac) / 92% (400 Vac)
Dissipated power	42 W (230 Vac) / 42 W (400 Vac)
Operating temperature range	-20...+60°C (derating -16 W >45°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
Safety Standard	EN 60950-1
EMC Standard	EN 61000-6-2, EN 61000-6-4
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal	2.5 mm ² / 2.5 mm ²
Housing material	aluminium
Dimensions (LxHxD)	73x137x140 mm
Approximate weight	1 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
APPROVALS AND MARKINGS	CE, ®,



- * Single phase, 2-phase and 3-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

CSW481C 1-2-phase power supply input 230-400-500Vac /
output 24Vdc 20A