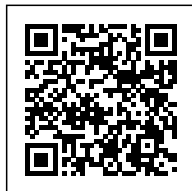
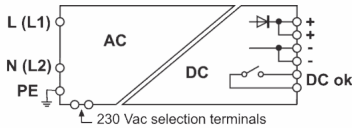




Power supply input 1x 230Vac/2x 400-500Vac / output 24Vdc 40A

Series	Universal Power
Code	XCSW960CP
Type	CSW960CP
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	1x 230 Vac / 2x 400-500 Vac
Input voltage AC	180...264 Vac / 360...550 Vac (1)
Input voltage DC	550...775 Vdc
Frequency	47...63 Hz
Current consumption	4.7A (230 Vac) / 4A A (400 Vac)
Inrush peak current	16 A
Power factor	> 0.6
External protection on AC line	MT: C-10 A / Fuse: 1-2x T 10 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc ±1%
Output adjustable range	23...27.5 Vdc
Continuous current	40 A a 45°C
Overload limiting	50 A for >5 s
Short circuit peak current	65 A for 5 s
Ripple @ nominal ratings	200 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	already fitted with internal ORing diode
GENERAL TECHNICAL DATA	
Efficiency	90% (400 Vac) at 230 Vac
Dissipated power	<100 W (400 Vac) at 230 Vac
Operating temperature range	-20...+60°C (derating -32 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 62368-1, UL508
EMC Standard	EN 61000-3-2, EN 61000-3-3, EN 61000-4-11, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-6-2, EN 61000-6-4
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal	4 mm ² / 10 mm ²
Housing material	aluminium
Dimensions (LxHxD)	80x127x139 mm
Approximate weight	1.2 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



- * Single phase and two-phase input 185...480 Vac
- * 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) Dual voltage with selection through external jumper

PRODUCT DESCRIPTION

CSW960CP Power supply input 1x 230Vac/2x 400-500Vac / output 24Vdc 40A