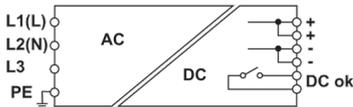


1-2-phase power supply input 230-400-500Vac / output 12Vdc 16A



Series	Universal Power
Code	XCSW241B
Type	CSW241B
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	1-2-3x 230-400-500 Vac
Input voltage AC	185...550 Vac
Input voltage DC	270...725 Vdc
Frequency	47...63 Hz
Current consumption	2 A (230 Vac) / 1 A (400 Vac)
Inrush peak current	20 A
Power factor	> 0.65
External protection on AC line	MT: C-6 A / Fuse: T-6.3 A
OUTPUT TECHNICAL DATA	
Output voltage range	12 Vdc ±1%
Output adjustable range	12...15 Vdc
Continuous current	16 A (12 Vdc) – 15 A (15 Vdc)
Overload limiting	20...18 A for >6 s
Short circuit peak current	34 A for 0.5 s
Ripple @ nominal ratings	100 mVpp
Hold up time	15 ms (230 Vac) / 100 ms (400 Vac)
Status indication	LED "DC OK" / LED "Alarm"
Alarm contact	dry contact, max. 1A @ 24 Vdc (Uout >10.8 Vdc)
Parallel connection	possible
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	89% (230 Vac) / 90% (400 Vac)
Dissipated power	22 W (230 Vac) / 20 W (400 Vac)
Operating temperature range	-20...+60°C (derating -3 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
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	2.5 mm ² / 2.5 mm ²
Housing material	aluminium
Dimensions (LxHxD)	55x115x130 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

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