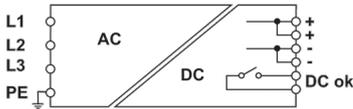




3-phase

power supply input 400-500Vac / output 24Vdc 20A with protective coating

Series	Easy Power
Code	XCSSL3480W024VGA
Type	CSL3-480W/024V/GA (2)
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	3x 400–500 Vac
Input voltage AC	340...550 Vac
Input voltage DC	500 – 600 Vdc
Frequency	47...63 Hz
Current consumption	0.8 A (400 Vac)
Inrush peak current	22 A
Power factor	0.76
External protection on AC line	MT: C-4 A / Fuse: T-3.15 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc ±1%
Output adjustable range	20...28.5 Vdc
Continuous current	20 A at 50°C
Overload limiting	23A (max. 25 A constant current)
Short circuit peak current	35A 400 ms On /800 ms Off (HICCUP mode)
Ripple @ nominal ratings	200 mVpp
Hold up time	10 ms (400 Vac)
Status indication	LED "DC OK", LED "Stand-by"
Alarm contact	dry contact, max. 1A @ 24 Vdc (Uout >16 Vdc)
Parallel connection	possible
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	90.5% (400 Vac)
Dissipated power	48 W (400 Vac)
Operating temperature range	-20...+70°C (derating -14 W/°C >50°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	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 / 4 mm ²
Housing material	aluminium
Dimensions (LxHxD)	80x170x127 mm
Approximate weight	1.5 kg
Mounting information	vertical on a rail, 20 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
APPROVALS AND MARKINGS	
	CE,



* 3-phase 400-500 Vac input* Short circuit, overload, input and output overvoltage protections* Over temperature protection* Alarm contact* High overload capability to ensure the protections selectivity and start-up of heavy loads
1 (1) Standard version 2 (2) With protective coating that allow installation in environment with extreme conditions (product on demand) 3 Please refer to the datasheet for more details

PRODUCT DESCRIPTION

CSL3-480W/024V/GA 3-phase power supply input 400-500Vac /

output 24Vdc 20A with protective coating