



3-phase power supply input 400-500Vac / output 48Vdc 10A with communication.port

Series	Easy Power
Code	XCSSL3480W048VAB
Type	CSL3-480W/048V/AB (3)
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	48 Vdc
Output adjustable range	40.5 ... 55.5 Vdc
Continuous current	10 A at 50°C
Overload limiting	15 A (max. 26 A constant current)
Short circuit peak current	40 A 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 >26 Vdc)
Parallel connection	possible
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	91% (400 Vac)
Dissipated power	47.5 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 (3) With communication port that allow the connection to the net through the external interface XCCI001MB (product on demand)
2 Please refer to the datasheet for more details

PRODUCT DESCRIPTION

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output 48Vdc 10A with communication port