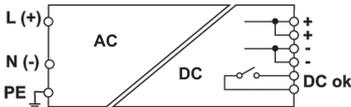




Single-phase power supply input
120-230Vac / output 24Vdc 10A

Series	Easy Power
Code	XCSSL1240W024VAA
Type	CSL1-240W/024V/AA
INPUT TECHNICAL DATA	
HS code	85044083
Input rated voltage	120–230 Vac
Input voltage AC	85...264 Vac
Input voltage DC	90...370 Vdc (derating U _{in} <130 Vdc)
Frequency	47...63 Hz
Current consumption	2.28 A (120Vac) / 1.17 (230 Vac)
Inrush peak current	30 A
Power factor	>0.9
Internal protection fuse	T 4 A
External protection on AC line	MT: C-4 A / Fuse: T 4 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc ±1%
Output adjustable range	23...29 Vdc
Continuous current	10 A at 50°C
Overload limiting	> 12.5 A
Short circuit peak current	13.5 A (Hiccup mode)
Ripple @ nominal ratings	50 mVpp
Hold up time	20 ms (120 Vac) / 30 ms (230 Vac)
Status indication	LED "DC OK"
Alarm contact	dry contact, max. 1A @ 24 Vdc
Parallel connection	possible
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	96% (120 Vac) / 98% (230 Vac)
Dissipated power	33 W / 26 W
Operating temperature range	-20...+70°C (derating -6 W > 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
EMC Standard	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, 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)	60x127x140 mm
Approximate weight	750 g
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,	



- * Single phase and DC input
- * Short circuit, overload, input and output overvoltage protections
- * Over temperature protection
- * Suitable for standard applications
- * Alarm contact

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

CSL1-240W/024V/AA
Single-phase power supply input 120-230Vac / output 24Vdc 10A