
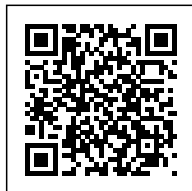




## Single phase power supply input 120-230Vac / output 24Vdc 20A

Series	Easy Power
Code	XCSE1480W024VAA
Type	CSE1-480W/024V/AA
HS code	85044083
<b>INPUT TECHNICAL DATA</b>	
Input rated voltage	120-230 Vac
Input voltage AC	90...264 Vac
Input voltage DC	127...370 Vdc
Frequency	47...63 Hz
Current consumption	4.8 A (115 Vac) / 2.4 A (230 Vac)
Inrush peak current	20 A (115 Vac) / 35 A (230 Vac)
Power factor	>0.98 (115 Vac) / >0.94 (230 Vac)
Internal protection fuse	T 8 A
External protection on AC line	MCB: C-8 A / Fuse: T 8 A
<b>OUTPUT TECHNICAL DATA</b>	
Output voltage range	24 Vdc
Output adjustable range	24...28 Vdc
Continuous current	20.0 A
Overload limiting	20 A for > 3S
Short circuit peak current	50 A for 10 ms
Ripple @ nominal ratings	150 mVpp
Hold up time	16 ms (115 Vac) / 16 ms (230 Vac)
Status indication	LED "DC OK"
Alarm contact	-
Parallel connection	-
Redundant parallel connection	possible with external ORing diode
<b>GENERAL TECHNICAL DATA</b>	
Efficiency	92% (115 Vac) / 92% (230 Vac)
Dissipated power	42 W (115 Vac) / 42 W (230 Vac)
Operating temperature range	-20°C...+70°C (derating -12 W/°C >50°C)
Input / output isolation	3 kVac / 60 s
Input / ground isolation	2 kVac / 60 s
Output / ground isolation	0.5 kVac / 60 s
Safety Standard	EN 62368-1, UL508
EMC Standard	EN 55032, EN 55035, 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
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal	4 mm <sup>2</sup> / 4 mm <sup>2</sup>
Housing material	aluminium, steel
Dimensions (LxHxD)	85.5x125x129 mm
Approximate weight	1.5 kg
Mounting information	vertical on a rail, distance from adjacent components: 40 mm top and bottom, 10 mm left and right
<b>ACCESSORIES</b>	
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
<b>APPROVALS AND MARKINGS</b>	
CE, 	



## PRODUCT DESCRIPTION

CSE1-480W/024V/AA Single phase power supply input 120-230Vac / output 24Vdc 20A