




1-2-phase power supply input 180-550Vac / output 24Vdc 5A

Series	EASY POWER LINE
Code	XCSE2120W024VAA
Type	CSE2-120W/024V/AA
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	1-2x 230-400-500 Vac
Input voltage AC	180...550 Vac
Input voltage DC	254...780 Vdc
Frequency	47...63 Hz
Current consumption	1.2 A (230 Vac) / 0.7 A (400 Vac)
Inrush peak current	50 A (400 Vac)
Power factor	>0.53 (230 Vac) / >0.43 (400 Vac)
Internal protection fuse	T 4 A
External protection on AC line	MCB: C-4 A / Fuse: T 4 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc
Output adjustable range	24...29 Vdc
Continuous current	5.0 A
Overload limiting	6.5 A
Short circuit peak current	30 A for 100 ms
Ripple @ nominal ratings	120 mVpp
Hold up time	10 ms (230 Vac) / 50 ms (400 Vac)
Status indication	LED "DC OK"
Alarm contact	dry contact, max. 1 A
Parallel connection	—
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	89.5% (230 Vac) / 91% (400 Vac)
Dissipated power	14.5 W (230 Vac) / 12.0 W (400 Vac)
Operating temperature range	-25°C...+70°C (derating -4,8 W/°C >60°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 61010-1, UL 61010-1, UL 61010-2-201
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	BS EN / EN 55032, BS EN IEC 61000-3-2,3, BS EN / EN 61000-4-2,3,4,5,6,8,11
Protection degree	IP 20
Connection terminal	2.5 mm ² / 2.5 mm ²
Housing material	aluminium, steel
Dimensions (LxHxD)	40 x 125 x 113 mm
Approximate weight	0.65 Kg
Mounting information	vertical on a rail, distance from adjacent components: 40 mm top and bottom, 10 mm left and right
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, 	



PRODUCT DESCRIPTION

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