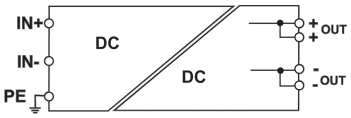
XCSA120CB

DC/DC converter 24Vdc/ 12-15Vdc
7A

Code	XCSA120CB
Type	CSA120CB
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	24 Vdc
Input voltage DC	18…36 Vdc
Current consumption	5.1 A (24 Vdc) ±10%
Inrush peak current	110 A
Internal protection fuse	T 10 A
External protection on AC line	MT: C-13 A / Fuse: T-13 A
OUTPUT TECHNICAL DATA	
Output voltage range	12…15 Vdc
Output adjustable range	12…15 Vdc
Continuous current	7 A (12 Vdc)
Overload limiting	9.1 A
Short circuit peak current	15 A for 300 ms
Ripple @ nominal ratings	100 mVpp
Hold up time	2 ms
Status indication	LED "DC OK"
Parallel connection	possible
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	85% (24 Vdc)
Dissipated power	17 W (24 Vdc)
Operating temperature range	–20…+50°C
Input / output isolation	2.1 kVdc / 60s
Input / ground isolation	1.41 kVdc / 60s
Output / ground isolation	0.75 kVdc / 60s
Standard / approvals	EN 60950-1
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 mm² / 2.5 mm²
Housing material	aluminium
Dimensions (LxHxD)	40x130x115 mm
Approximate weight	550 g
Mounting information	vertical on a rail, 10 mm from adjacent components
Alarm contact	no
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,



***** DC wide range input***** Short circuit, overload, input and output overvoltage protections***** Over temperature protection***** Compact dimension
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**3** Inrush current measured at Un with battery power supply; peak current varies according to the internal impedance of the current source and the resistance of the connections.**4** The capacitors between phase and neutral, requires that the isolation tests are carried out in DC

DESCRIZIONE DEL PRODOTTO

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