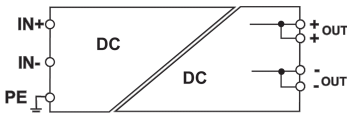
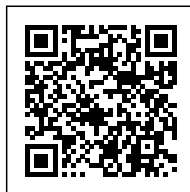


DC/DC converter IN: 24Vdc / OUT: 12...15Vdc 7A



<b>Code</b>	XCSA120CB
<b>Type</b>	CSA120CB
<b>HS code</b>	85044083
<b>INPUT TECHNICAL DATA</b>	
<b>Input rated voltage</b>	24 Vdc
<b>Input voltage DC</b>	18...36 Vdc
<b>Current consumption</b>	5.1 A (24 Vdc) ±10%
<b>Inrush peak current</b>	110 A
<b>Internal protection fuse</b>	T 10 A
<b>External protection on AC line</b>	MT: C-13 A / Fuse: T-13 A
<b>OUTPUT TECHNICAL DATA</b>	
<b>Output voltage range</b>	12...15 Vdc
<b>Output adjustable range</b>	12...15 Vdc
<b>Continuous current</b>	7 A (12 Vdc)
<b>Overload limiting</b>	9.1 A
<b>Short circuit peak current</b>	15 A for 300 ms
<b>Ripple @ nominal ratings</b>	100 mVpp
<b>Hold up time</b>	2 ms
<b>Status indication</b>	LED "DC OK"
<b>Parallel connection</b>	possible
<b>Redundant parallel connection</b>	possible with external ORing diode
<b>GENERAL TECHNICAL DATA</b>	
<b>Efficiency</b>	85% (24 Vdc)
<b>Dissipated power</b>	17 W (24 Vdc)
<b>Operating temperature range</b>	-20...+50°C
<b>Input / output isolation</b>	2.1 kVdc / 60s
<b>Input / ground isolation</b>	1.41 kVdc / 60s
<b>Output / ground isolation</b>	0.75 kVdc / 60s
<b>Standard / approvals</b>	EN 60950-1
<b>EMC Standard</b>	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
<b>Overvoltage category / pollution degree</b>	II / 2
<b>Protection degree</b>	IP 20
<b>Connection terminal</b>	2.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup>
<b>Housing material</b>	aluminium
<b>Dimensions (LxHxD)</b>	40x130x115 mm
<b>Approximate weight</b>	550 g
<b>Mounting information</b>	vertical on a rail, 10 mm from adjacent components
<b>Alarm contact</b>	no
<b>ACCESSORIES</b>	
<b>Mounting rail (IEC60715/TH35-7.5)</b>	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
<b>Mounting rail (IEC60715/TH35-15)</b>	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB
<b>APPROVALS AND MARKINGS</b>	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

DC/DC converter IN: 24 Vdc / OUT: 12...15 Vdc 7 A