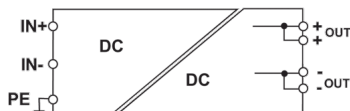
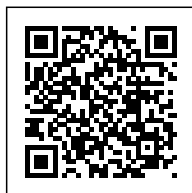


DC/DC converter 12Vdc/ 24Vdc 5A



Code	XCSA120BC
Type	CSA120BC
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	12 Vdc
Input voltage DC	10.5...18 Vdc
Current consumption	10 A (12 Vdc) ±10%
Inrush peak current	60 A
Internal protection fuse	T 20 A
External protection on AC line	MT: C-25 A / Fuse: T-25 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc
Output adjustable range	22.5...27.5 Vdc
Continuous current	5 A (24 Vdc)
Overload limiting	6.5 A
Short circuit peak current	12 A for 300 ms
Ripple @ nominal ratings	100 mVpp
Hold up time	1 ms
Status indication	LED "DC OK"
Parallel connection	possible
Redundant parallel connection	possible with external ORing diode
GENERAL TECHNICAL DATA	
Efficiency	83% (12 Vdc)
Dissipated power	25 W (12 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 mm ² / 2.5 mm ²
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 details2 Above overcurrent limit, the protection starts cycling in ON/OFF mode(hiccup autoreset), the maximum current supplied depends by the line resistance3 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

CSA120BC DC/DC converter 12Vdc/ 24Vdc 5A