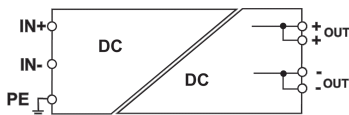
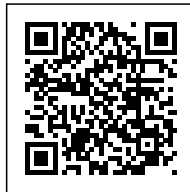


DC/DC converter 110Vdc/ 24Vdc 10A



Code	XCSA240FC
Type	CSA240FC
HS code	85044083
INPUT TECHNICAL DATA	
Input rated voltage	110 Vdc
Input voltage DC	100...130 Vdc
Current consumption	2.4 A (110 Vdc) ±10%
Inrush peak current	150 A
Internal protection fuse	T 5 A
External protection on AC line	MT: C-6 A / Fuse: T-6 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc
Output adjustable range	23...27 Vdc
Continuous current	10 A at 50°C
Overload limiting	15 A
Short circuit peak current	21 A for 300 ms
Ripple @ nominal ratings	100 mVpp
Hold up time	4 ms
Status indication	LED "DC OK"
Alarm contact	dry contact, max. 1A @ 24 Vdc
Parallel connection	possible
Redundant parallel connection	already fitted with internal ORing diode
GENERAL TECHNICAL DATA	
Efficiency	89% (110 Vdc)
Dissipated power	28W (110 Vdc)
Operating temperature range	-20...+60°C (derating -6 W >50°C)
Input / output isolation	2.1 kVdc / 60s
Input / ground isolation	1.41 kVdc / 60s
Output / ground isolation	0.75 kVdc / 60s
Safety Standard	EN 60950-1
EMC Standard	EN 61000-6-2, EN 61000-6-3
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)	40x115x130 mm
Approximate weight	800 g
Mounting information	vertical on a rail, 10 mm from adjacent components
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
- * Internal diode for the redundant parallel connection

- 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

PRODUCT DESCRIPTION

CSA240FC DC/DC converter 110Vdc/ 24Vdc 10A

