



DC-UPS IN: 12-24 Vdc / OUT: 12-24 Vdc 20-10 A

Series	
Code	XCSU5240W024VAA
Type	CSU5-240W/024V/AA
INPUT TECHNICAL DATA	
Input rated voltage	12-24 Vdc
Input voltage DC	10...17 Vdc / 19...30 Vdc
Current consumption	10 A max
OUTPUT TECHNICAL DATA	
Output voltage range	12-24 Vdc
Output adjustable range	10...17 Vdc / 19...30 Vdc
Continuous current	20 A (12 Vdc) / 10 A (24 Vdc)
Battery safety fuse	Fuse: 5 A replaceable
Status indication	LED "DC OK" / LED "Battery" / LED "Alarm"
Alarm contact	2 dry contacts (DC OK BATTERY STATUS)
Battery type	Lead-Acid
Battery capacity	1.2...40 Ah programmable
Charging current	0.12...4 A programmable
Battery disconnection voltage	10...11 Vdc (12V) / 19...20Vdc (24V)
Protection	reverse polarity/overload/deep discharge
GENERAL TECHNICAL DATA	
Efficiency	96%
Dissipated power	5 W
Operating temperature range	-20...+60°C (derating -2 W >50°C)
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 / 0.75 mm ² (signals)
Housing material	aluminium
Dimensions (LxHxD)	40x130x115 mm
Approximate weight	300 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

