



## Redundancy module 12-80Vdc 2x40A with imbalance monitoring

<b>Code</b>	XCSR2M40AA
<b>Type</b>	CSR-2M/40/AA -
<b>HS code</b>	8504909000
<b>INPUT TECHNICAL DATA</b>	
<b>Input rated voltage</b>	12...80 Vdc
<b>Input nominal current</b>	2 x 40 A
<b>OUTPUT TECHNICAL DATA</b>	
<b>Output voltage range</b>	10.8...85 Vdc
<b>Output adjustable range</b>	1 x 50 A (max. 80 A peak)
<b>IN-OUT voltage drop</b>	0.2 V a 50 A
<b>Status indication</b>	LED "DC OK" / LED "Alarm" / LED "Unbalance" (1)
<b>Alarm contact</b>	dry contact, max. 1A @ 24 Vdc (2)
<b>GENERAL TECHNICAL DATA</b>	
<b>Efficiency</b>	>98% (12 V / 50 A)
<b>Dissipated power</b>	10 W
<b>Operating temperature range</b>	-20...+50°C
<b>EMC Standard</b>	EN 61000-6-2, EN 61000-6-4
<b>Overvoltage category / pollution degree</b>	II / 2
<b>Protection degree</b>	IP 20
<b>Connection terminal</b>	16 mm <sup>2</sup> / 16 mm <sup>2</sup> / 1.5 mm <sup>2</sup> (signal)
<b>Housing material</b>	aluminium
<b>Dimensions (LxHxD)</b>	40x110x145
<b>Approximate weight</b>	200 g
<b>Mounting information</b>	vertical on a rail, 10 mm from adjacent components
<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>APPROVALS AND MARKINGS</b>	CE



- \* Suitable for connecting power supplies without ORing diodes
- \* Suitable for 12 to 80 V
- \* Current failure and unbalance alarm
- \* High efficiency and low consumption

1 (1) The "DC-OK" LED signals the status of the output, "Unbalance" LEDs signal if the current sharing is balanced or not balanced, "alarm" LED signals an unbalanced and critical situation or the failure of one power supply  
 2 (2) The "Alarm" contact opens in case of an unbalanced and critical situation or the failure of one power supply

## PRODUCT DESCRIPTION

CSR-2M/40/AA  
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