



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

Code	XCSR2M40AA
Type	CSR-2M/40/AA -
HS code	8504909000
<b>INPUT TECHNICAL DATA</b>	
Input rated voltage	12...80 Vdc
Input nominal current	2 x 40 A
<b>OUTPUT TECHNICAL DATA</b>	
Output voltage range	10.8...85 Vdc
Output adjustable range	1 x 50 A (max. 80 A peak)
IN-OUT voltage drop	0.2 V a 50 A
Status indication	LED "DC OK" / LED "Alarm" / LED "Unbalance" (1)
Alarm contact	dry contact, max. 1A @ 24 Vdc (2)
<b>GENERAL TECHNICAL DATA</b>	
Efficiency	>98% (12 V / 50 A)
Dissipated power	10 W
Operating temperature range	-20...+50°C
EMC Standard	EN 61000-6-2, EN 61000-6-4
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal	16 mm <sup>2</sup> / 16 mm <sup>2</sup> / 1.5 mm <sup>2</sup> (signal)
Housing material	aluminium
Dimensions (LxHxD)	40x110x145
Approximate weight	200 g
Mounting information	vertical on a rail, 10 mm from adjacent components
<b>ACCESSORIES</b>	
Mounting rail (IEC60715/TH35-7.5)	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

## DESCRIZIONE DEL PRODOTTO

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