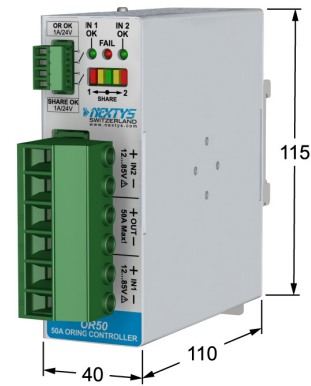


## OR50 – 50A DIN Rail Active Redundancy Module

- CPU controlled, Graph Bar interface
- Universal Input: 12...85Vdc
- Current Sharing indication between the 2 SMPS
- Hot redundancy possible
- Perfect isolation between sources
- Pluggable connectors
- Load/source status signals available



For reference only



IND.CONT.EQ  
4WX9



### TECHNICAL DATA

OR50	
<b>OUTPUT DATA</b>	
Rated voltage	12...85Vdc
Continuous current	50A Max
Peak Output current	> 300A
No load power consumption	< 2W
Conduction resistance	< 4mΩ
<b>INPUT DATA</b>	
Input rated voltage	12...85Vdc
Input current	50A Max
No load input power	< 1.5W
<b>USER INTERFACE</b>	
Status signals	IN1_OK, IN2_OK - green LEDs Redundancy fault - red LED Redundancy OK Dry contact (1A / 24V) Current share bargraph Current share Dry contact (1A / 24V)
<b>GENERAL DATA</b>	
Efficiency	> 99.6%
Dissipated power	< 10W
Operating temperature	- 20°C...+ 80°C
Derating	No derating
Standards & Approvals	EN60950 (reference), CE marking
EMC Standards	EN61000-6-2, EN61000-6-4
Protection degree	IP20 acc. to EN60529
Connection terminals Input	Up to 16mm <sup>2</sup> , screw type pluggable (Up to 5AWG)
Connection terminals signals	1.5mm <sup>2</sup> , screw type pluggable (24...12AWG)
Case material	Aluminum
Approx. Weight	0.200kg
Size (W x H x D)	40.0 x 115.0 x 110.0mm
Mounting rail	IEC 60715/H15/TH35-7.5(-15)
Rail mounting information	Vertical, allow 10mm spacing between adjacent items