

COMPACT



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ECO-RAIL 2

Eco-Rail 2 power supplies offer machine and control cabinet manufacturers a flexible and economical way to meet customer needs. These power supplies provide basic functionality and help keep overall control cabinet costs down. The Eco-Rail-2 series is available in five models ranging from 1.3 to 20 A.

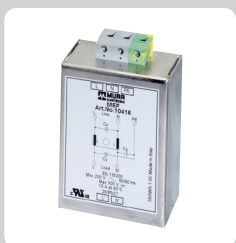
The device's output voltage can be set between 23 to 28V to supply the required power regardless of the length of the supply line.

Connecting two Eco-Rail 2 power supplies in series allows the output voltage to be increased to 48V.

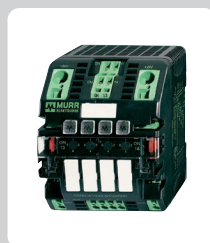
- Efficiency in Design
- Global Approvals, UL Certified
- Designed for Flexible Voltage Ranges
- Excellent Mains Failure Bridging Time - Up to 130ms
- Easy to Install

MURRELEKTRONIK Related Products

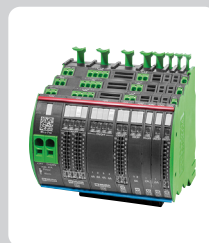
Filter



Mico



Mico Pro








MB Cap



MB Redundancy Balance



	Eco-Rail 2 1.3A		Eco-Rail 2 2.5A	
Article Number	85131		85132	
Input				
Input Voltage	100-240V AC			
Input Current	.7A (100V AC); .4A (240V AC)		1.3A (100V AC); .6A (240V AC)	
Input Current After 1ms	max. 10A (230V AC)		max. 20A (230V AC)	
Primary Fusing (External)	max. 20A			
Output				
Output Voltage	24V DC (SELV) ± 1%; 23-28V DC Adjustable			
Output Current	1.3A (+40°C); 1A (+55°C)		2.5A (+40°C); 2A (+55°C)	
Efficiency	84% (115V AC); 84% (230V AC)			
Protection	Short Circuit and Overload Protected (Hiccup Mode)			
Parallel/Serial Usage	No/Yes (max. 2 Units)			
General Data				
Standards	EN 60950-1, EN 61204-3, EN 61000-3-2			
Temperature Range	0 - +40°C to 55°C with Derating (Storage Temperature -20°C - +85°C)			
Mounting Method	DIN Rail Mounting			
Dimensions (H x W x D)	125 x 50 x 72mm		125 x 50 x 84mm	
Connection	Screw Terminals			

	Eco-Rail 2 5A		Eco-Rail 2 10A		Eco-Rail 2 20A	
Article Number	85133		85135		85137	
Input						
Input Voltage	90-132V AC, 173-264V AC					
Input Current	2.4A (100V AC); 1.4A (200V AC)		4.3A (100V AC); 2.5A (200V AC)		7.8A (100V AC); 4.6A (200V AC)	
Input Current After 1ms	max. 20A (230V AC)		max. 30A (230V AC)		max. 10A (230V AC)	
Primary Fusing (External)	max. 20A					
Output						
Output Voltage	24V DC (SELV) ± 1%; 23-28V DC Adjustable					
Output Current	5A (+40°C); 4A (+55°C)		10A (+40°C); 7.5A (+55°C)		20A (+40°C); 16A (+55°C)	
Efficiency	87% (115V AC); 88% (230V AC)		86% (115V AC); 88% (230V AC)		89% (115V AC); 90% (230V AC)	
Protection	Short Circuit and Overload Protected (Current Limiter)		Short Circuit and Overload Protected (Hiccup Mode)		Short Circuit and Overload Protected (Current Limiter)	
Parallel/Serial Usage	No/Yes (max. 2 Units)					
General Data						
Standards	EN 60950-1, EN 61204-3, EN 61000-3-2		EN 60950-1, EN 61204-3			
Temperature Range	0 - +40°C to 55°C with Derating (Storage Temperature -20°C - +85°C)					
Mounting Method	DIN Rail Mounting					
Dimensions (H x W x D)	125 x 50 x 123mm		125 x 68 x 125mm		124 x 105 x 124mm	
Connection	Screw Terminals					