AC1244

AS-Interface power supply

PSU-1AC/ASI-4A

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Alternative articles: AC1254

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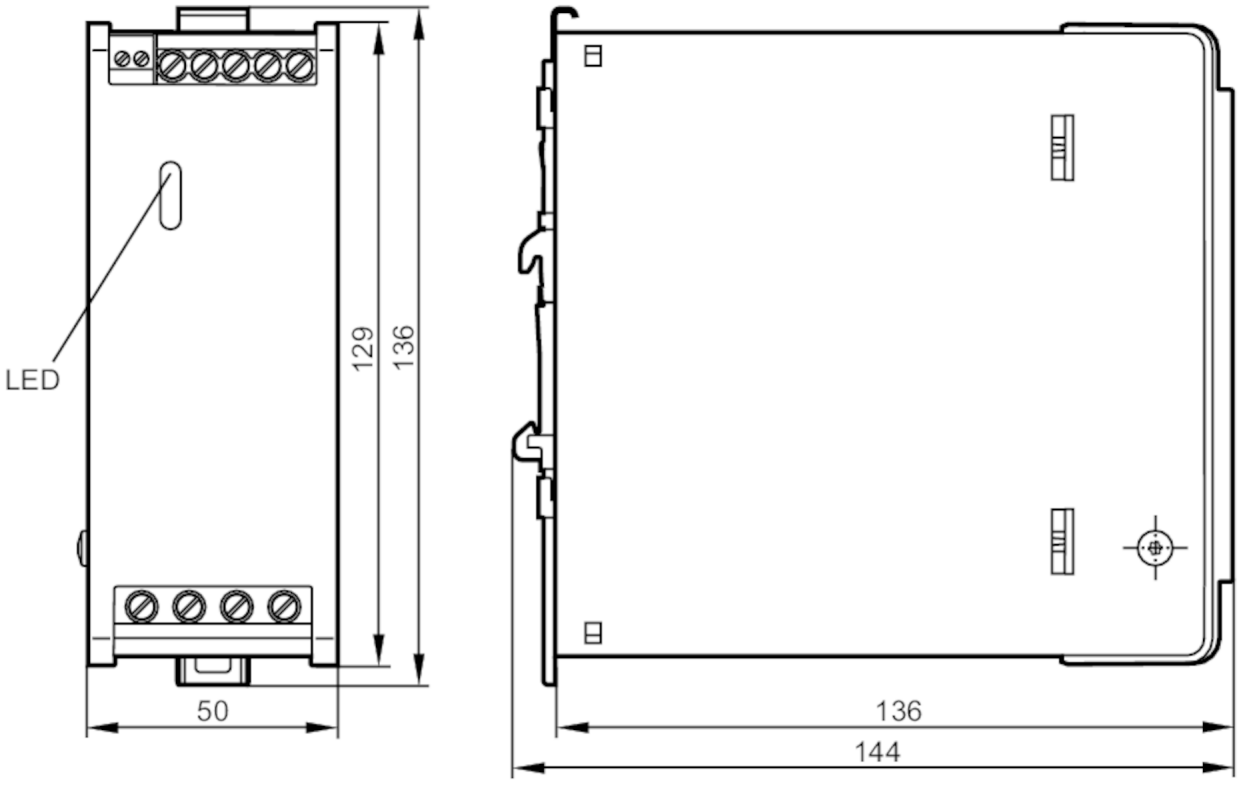

Electrical data		
Operating voltage tolerance	[%]	10
Nominal voltage AC	[V]	110 / 230
Nominal frequency AC	[Hz]	47...63
Input voltage range AC	[V]	100...240
Protection class		I
Overvoltage protection		yes; (< 34)
Max. power-on delay time	[ms]	150
Output voltage AS-i	[V]	29.5...31.6
Number of output circuits		1
Output current AS-i	[A]	4
Max. residual ripple	[mV]	50
Efficiency (nominal voltage 230 V AC / 50 Hz)	[%]	88
Fuse	[A]	10; (external, characteristics B)
Derating	[W/K]	3% / K (> 60° C)
Mains buffering time (nominal voltage 230 V AC / 50 Hz)	[ms]	195

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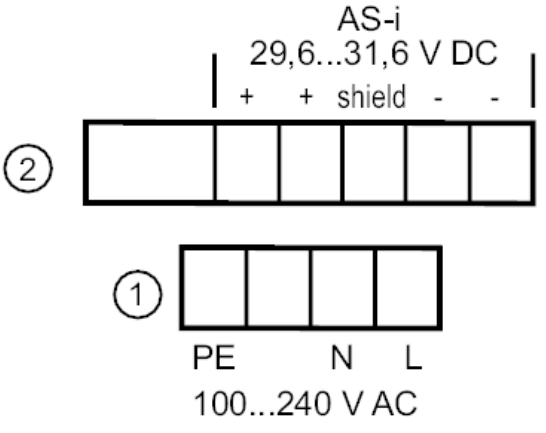
Integrated data decoupling		yes	
Outputs			
Short-circuit proof		yes	
Overload protection		yes	
Parallel connection of outputs possible		no	
Series connection of outputs possible		no	
Operating conditions			
Ambient temperature	[°C]	0...70	
Protection		IP 20	
Tests / approvals			
EMC		EN 61000-6-2	
		EN 61000-6-3	
AS-i classification			
AS-i certificate		89501	
Mechanical data			
Weight	[g]	1002	
Type of mounting		rail; (TH35 (EN 60715); free space for convection cooling 20 mm)	
Dimensions	[mm]	136 x 50 x 144	
Materials		AlMg3; steel sheet; PC	
Displays / operating elements			
Display		AS-i voltage	LED, green
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

screw terminals:

Connection



1: primary
2: secondary