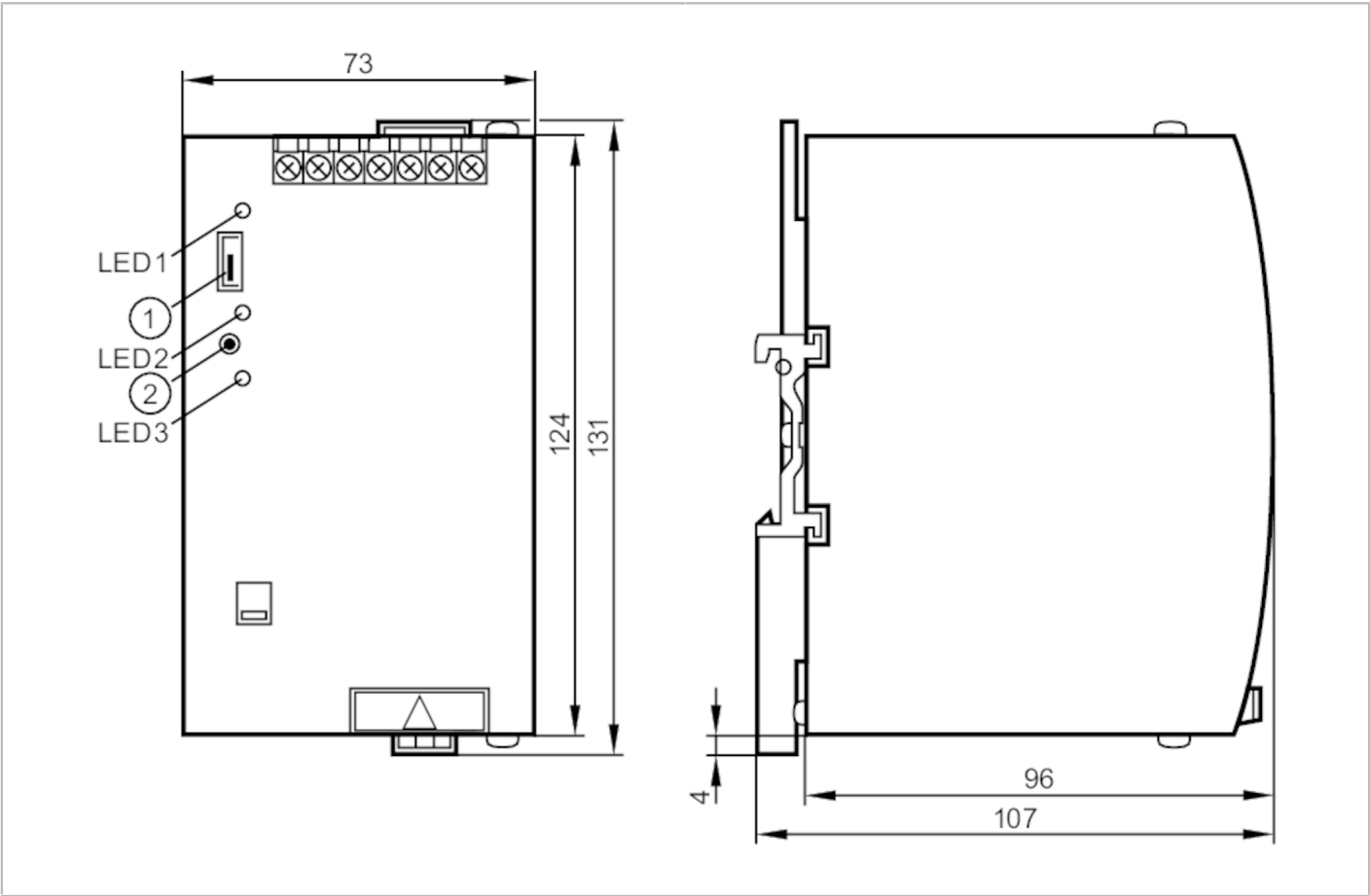


AC1224



AS-Interface power supply

PowerSupply 115/230VAC 4A



Application		
Design	Integrated earth fault monitor	
Electrical data		
Frequency AC	[Hz]	47...63
Nominal voltage AC	[V]	110 / 230
Input voltage range AC	[V]	85...132 / 184...264
Protection class		I
Max. power-on delay time	[ms]	100
Output voltage AS-i	[V]	30.5
Output power (permanent)	[W]	122
Number of output circuits		1
Output current AS-i	[A]	4
Max. residual ripple	[mV]	50
External input protection		B 6 A
Derating	[W/K]	3 (60...70 °C)
Integrated data decoupling		yes
Outputs		
Short-circuit protection		yes



AS-Interface power supply

PowerSupply 115/230VAC 4A

Type of short-circuit protection	electronically protected
Overload protection	yes
Parallel connection of outputs possible	no
Series connection of outputs possible	no

Operating conditions

Ambient temperature [°C]	-10...70
Note on ambient temperature	observe the free space for convection (see operating instructions)
Protection	IP 20
Pollution degree	2; (IEC 62103: conductive soiling not permitted)

Tests / approvals

EMC	EN 61000-6-1	
	EN 61000-6-2	
	EN 61000-6-4	
MTTF [years]	139	

AS-i classification

AS-i certificate	42301
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Mechanical data

Weight [g]	750
Dimensions [mm]	124 x 73 x 107
Materials	housing: steel sheet

Displays / operating elements

Display	operation	1 LED, green goes off in case of overload U < 28 V
	IR addressing	1 LED, red
	earth fault	1 LED, red

Remarks

Pack quantity	1 pcs.
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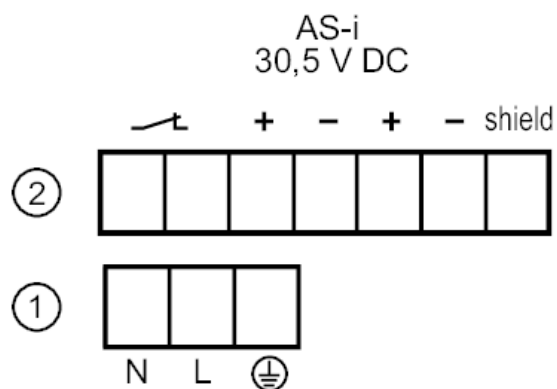
AS-Interface power supply

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Electrical connection

terminals: ...4 mm²

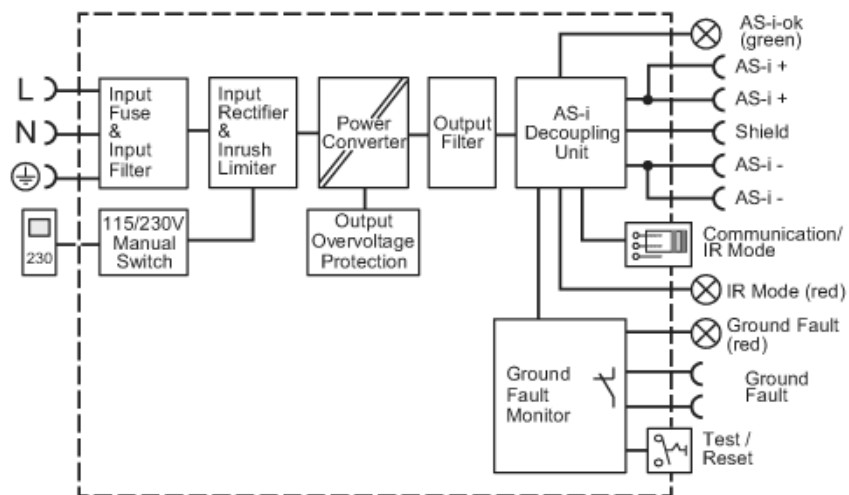
Connection



GF ok
 GF ok
 AS-i +
 AS-i -
 AS-i +
 AS-i -
 Shield
 N
 L
 PE

Diagrams and graphs

block diagram



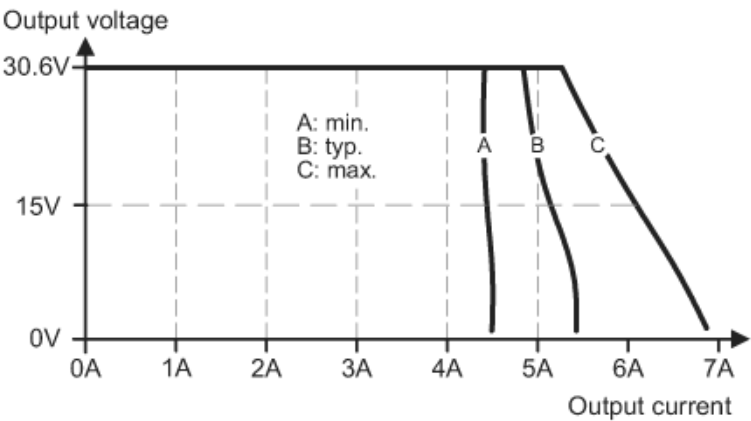
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AS-Interface power supply

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output characteristics



characteristic line for derating

