



AS-i Power 2.6 A, max. 100 W 120 V/230 V AC AS-Interface power supply unit, IP20 IN: 120 V AC / 230 V OUT: AS-i, 2.6 A (30 V DC) Limitation of the output power max. 100 W, IP20 with integr. ground fault detection with AS-i data decoupling

| General technical data | | |
|--|----|--|
| Type of device | | AS-Interface power supply unit IP20 |
| version | | single output |
| Additional function | | integrated ground-fault detection, remote reset and remote indication |
| input voltage nominal value AC | | |
| • range 1 | V | 120 |
| • range 2 | V | 230 |
| Inputs | | |
| input recommended circuit breaker (IEC 898) in the main supply line | | 6 A, characteristic C |
| input voltage range | | |
| • voltage range 1 AC | V | 85 ... 132 |
| • voltage range 2 AC | V | 176 ... 253 |
| input | | |
| • Mains buffering time at I _a rated min | | 20 ms |
| • line frequency | | 50/60 Hz |
| • Mains frequency range | Hz | 47 ... 63 |
| • range changeover using | | Changeover switch on device |
| • input voltage built-in | | T 3.15 (not accessible) |
| Connections input | | spring-loaded terminal connection input (0.2 ... 2.5 mm ²)/ diagnosis (0.14 ... 1.5 mm ²) |
| Outputs | | |
| output | | |
| • DC-voltage controlled floating according to AS-Interface specification | | yes |
| • voltage rated value U _a rated DC | | 30 V |
| • tolerance total DC | V | 29.5 ... 31.6 |
| • rated current I _a rated | | 2.6 A (max. 100 W) |
| • residual ripple peak-to-peak (0-10 kHz, AS-i+/AS-i-) max | mV | 300 |
| • spikes peak-to-peak (10-500 kHz, AS-i+/AS-i-) max | mV | 50 |
| Connections Output | | spring-loaded terminal connection output (0.2 ... 2.5 mm ²)/ diagnosis (0.14 ... 1.5 mm ²) |
| Efficiency/ heat loss | | |
| Efficiency at U _a rated, I _a rated | % | 84 |
| Protective and monitoring functions | | |
| Output overvoltage protection | | yes (< 35V) |
| Current limitation from min. | | 3.0 A |
| Short-circuit protection | | yes |
| Safety related data | | |
| protection class (EN 60 950/IEC 950) | | I |

| | | |
|---|----|--|
| Electrical isolation primary/secondary | | ES1 according EN 62368-1 (for products until end of 2020: SELV according to EN 60 950 and EN 50 178) |
| protection class IP | | IP20 |
| Electromagnetic compatibility | | |
| electromagnetic compatibility (EMC) | | EN 61 000-6-2, EN 61 000-4-2/-3/-4/-5/-11 class B according to EN 55 022, IEC 61 000-6-3 |
| <ul style="list-style-type: none"> • interference immunity • emitted interference | | |
| Ambient conditions | | |
| ambient temperature | | |
| <ul style="list-style-type: none"> • during operation • during storage | °C | -10 ... +70 |
| | °C | -25 ... +80 |
| humidity rating | | climatic class DIN 50010, relative humidity max. 100% without condensation |
| fastening method | | fixing on standard mounting rail DIN EN 59 022-35 x 7.5 mm snap-on |
| width | mm | 50 |
| height | mm | 125 |
| depth | mm | 125 |
| Environmental footprint | | |
| Environmental Product Declaration(EPD) | | Yes |
| global warming potential [CO2 eq] total | kg | 785 |
| global warming potential [CO2 eq] during manufacturing | kg | 20.7 |
| global warming potential [CO2 eq] during sales | kg | 0.127 |
| global warming potential [CO2 eq] during operation | kg | 763 |
| global warming potential [CO2 eq] after end of life | kg | 0.565 |
| Certificates/ approvals | | |
| General Product Approval | | EMV |



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|-----------------------------|--------------|------------------------------|-------------------------------|---|
| Maritime application | other | | | Environment |
| | | Confirmation | Miscellaneous | |
| | | | | Environmental Confirmations |

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|---------------------------------|
| Industrial Communication |
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| Further information |
| Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 |
| Information for data generation and storage https://support.industry.siemens.com/cs/ww/en/view/109995012 |
| Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10 |
| Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RX9501-2BA00 |
| Cax online generator https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RX9501-2BA00 |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RX9501-2BA00 |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RX9501-2BA00&lang=en |

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