6ES7307-1EA01-0AA0

Data sheet



SIMATIC PS307/1AC/24VDC/5A

SIMATIC S7-300 Regulated power supply PS307 input: 120/230 V AC, output: 24 V/5 A DC

| type of the power supply network 1-phase AC supply voltage AC Automatic range selection supply voltage 120 V/230 V input voltage 1 at AC 85 132 V input voltage at AC 170 264 V wide range input No overvoltage overload capability 2.3 × Vin rated, 1.3 ms buffering time for rated value of the output current in the event of power failure minimum 20 ms operating condition of the mains buffering at Vin = 93/187 V line frequency 50/60 Hz line frequency 47 63 Hz input current 4 rated input voltage 120 V • at rated input voltage 230 V 1.2 A current limitation of inrush current at 25 °C maximum 20 A duration of inrush current infilting at 25 °C 8 • maximum 1.2 A²-8 fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C output voltage at DC rated value 24 V output voltage adjustable No; - e at output 1 at DC rated value 24 V output voltage adjustable No; - < | input | | |
|--|---|--|--|
| Supply voltage 14 AC 85 132 V | type of the power supply network | 1-phase AC | |
| input vollage 1 at AC 85 132 V input vollage 2 at AC 170 264 V wide range input No overvoltage overfoad capability 2.3 x Vin rated, 1.3 ms buffering time for rated value of the output current in the event of power failure minimum 20 ms operating condition of the mains buffering at Vin = 99/187 V line frequency 50/60 Hz line frequency 4 may 63 Hz input current 2.3 A at rated input voltage 230 V 2.3 A current limitation of inrush current at 25 °C maximum 20 A duration of inrush current limiting at 25 °C 3 ms fuse protection type in the feeder 7 3.15 A/250 V (not accessible) fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C output voltage at DC rated value 24 V output voltage at DC rated value 24 V output voltage adjustable No; - relative overall tolerance of the voltage 3 % e at output 1 at DC rated value 24 V output voltage adjustable No; - e natiow fluctuation of input voltage < | supply voltage at AC | Automatic range selection | |
| Input vollage 2 at AC | supply voltage | 120 V/230 V | |
| wide range input No overvoltage overload capability 2.3 × Vin rated, 1.3 ms buffering time for rated value of the output current in the event of power failure minimum 20 ms operating condition of the mains buffering at Vin = 93/187 V line frequency 47 · 63 Hz line frequency 47 · 63 Hz input current at rated input voltage 120 V a trated input voltage 230 V 1.2 A current limitation of inrush current at 25 °C maximum 20 A duration of inrush current limiting at 25 °C maximum 12 Value maximum 3 ms 12t value maximum 1.2 A *s fuse protection type T 3,15 A/250 V (not accessible) fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C output voltage curve at output Controlled, isolated DC voltage output voltage at DC rated value 24 V output voltage adjustable No;- relative overall tolerance of the voltage 3 % e on slow fluctuation of input voltage 0.1 % e on slow fluctuation of input voltage 0.1 % e on slow | input voltage 1 at AC | 85 132 V | |
| overvoltage overload capability 2.3 × Vin rated, 1.3 ms buffering time for rated value of the output current in the event of power failure minimum 20 ms operating condition of the mains buffering at Vin = 93/187 V line frequency 50/60 Hz line frequency 63 Hz input current 2.3 A at rated input voltage 230 V 2.3 A at rated input soltage 230 V 1.2 A current limitation of inrush current at 25 °C maximum 20 A duration of insush current limiting at 25 °C ** maximum 1.2 A²-8 12t value maximum 1.2 A²-8 fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C output Voltage curve at output Controlled, isolated DC voltage output voltage at DC rated value 24 V output voltage adjustable No; - relative overall tolerance of the voltage 3 % e on slow fluctuation of input voltage 0.1 % on slow fluctuation of input voltage 0.1 % on slow fluctuation of ohn loading 0.5 % residual ripple 10 mV | input voltage 2 at AC | 170 264 V | |
| buffering time for rated value of the output current in the event of power failure minimum operating condition of the mains buffering line frequency line frequency line frequency 50/60 Hz 50/60 | wide range input | No | |
| operating condition of the mains buffering at Vin = 93/187 V line frequency 50/60 Hz line frequency 47 63 Hz line frequency 47 63 Hz linut current • at rated input voltage 230 V 12 A current limitation of inrush current at 25 °C maximum 20 A duration of inrush current limiting at 25 °C • maximum 3 ms L2 Value maximum 12 2 A°s fuse protection type T 3,15 A/250 V (not accessible) fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C output voltage curve at output 24 V output voltage at DC rated value 24 V output voltage adjustable No; • at output 1 at DC rated value 24 V output voltage adjustable No; relative overall tolerance of the voltage 3% relative overall tolerance of the voltage 0.1 % • on slow fluctuation of input voltage 4 V output voltage and push voltage 0.5 % residual ripple | overvoltage overload capability | 2.3 × Vin rated, 1.3 ms | |
| line frequency 50/60 Hz line frequency 47 63 Hz input current • at rated input voltage 120 V 2.3 A • at rated input voltage 230 V 1.2 A current limitation of inrush current at 25 °C maximum 20 A duration of inrush current limiting at 25 °C • maximum 3 ms l2t value maximum 1.2 A²-s fuse protection type T 3.15 A/250 V (not accessible) fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C ooutput voltage curve at output Controlled, isolated DC voltage output voltage at DC rated value 24 V output voltage at DC rated value 24 V output voltage adjustable No;- relative overall tolerance of the voltage 3 % relative control precision of the output voltage • on slow fluctuation of input voltage 0.1 % • on slow fluctuation of ohm loading 0.5 % residual ripple • maximum 50 mV • typical 100 mV voltage peak • maximum 150 mV • typical 20 mV display version for normal operation Green LED for 24 V OK | | 20 ms | |
| line frequency 47 63 Hz input current • at rated input voltage 120 V 2.3 A • at rated input voltage 230 V 1.2 A current limitation of inrush current at 25 °C maximum 20 A duration of inrush current limiting at 25 °C • maximum 3 ms 12t value maximum 1.2 A²-s fuse protection type in the feeder Recommended miniature circuit breaker; from 6 A characteristic C output voltage curve at output 24 V output voltage at DC rated value 24 V output voltage at DC rated value 24 V output voltage adjustable No; - relative overall tolerance of the voltage 3 % relative control precision of the output voltage 0.1 % • on slow fluctuation of input voltage 4 Voltage 10.1 % • on slow fluctuation of hom loading 50 mV • typical 10 mV voltage peak • maximum 50 mV • typical 20 mV display version for normal operation Green LED for 24 V OK | operating condition of the mains buffering | at Vin = 93/187 V | |
| input current at rated input voltage 230 V at rated input voltage 230 V at rated input voltage 230 V current limitation of inrush current at 25 °C maximum duration of inrush current limiting at 25 °C maximum 3 ms 12t value maximum 24 V 0utput voltage at DC rated value 24 V 0utput voltage at DC rated value 24 V 0utput voltage adjustable 10t value value 25 V 01t value value value 26 V 01t value value value 26 V 01t value value value 01t value value value 01t value value value 01t value value value value value 01t value | line frequency | 50/60 Hz | |
| at rated input voltage 230 V at rated input voltage 230 V 1.2 A 2.3 A 1.2 A 2.3 A 1.2 A 4. at rated input voltage 230 V 2.3 A 1.2 A 4. at rated input voltage 230 V 2.3 A 4. at rated input voltage 230 V 2.3 A 1.2 A 4. at rated input voltage 25 °C ■ maximum 3 ms 1.2 A²-s 1 | line frequency | 47 63 Hz | |
| • at rated input voltage 230 V current limitation of inrush current at 25 °C maximum duration of inrush current limiting at 25 °C • maximum 3 ms 12t value maximum 1.2 A²-s fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C output voltage curve at output cutput voltage at DC rated value • at output 1 at DC rated value • at output 1 at DC rated value output voltage adjustable relative overall tolerance of the voltage • on slow fluctuation of input voltage • on slow fluctuation of ohm loading residual ripple • maximum • typical • maximum • typical • typical display version for normal operation 1.2 A 3 ms 1.2 A²-s | input current | | |
| current limitation of inrush current at 25 °C maximum duration of inrush current limiting at 25 °C maximum 1.2 A²-s fuse protection type fuse protection type voltage curve at output cutput voltage at DC rated value at output 1 at DC rated value voltuput voltage adjustable relative control precision of the output voltage on slow fluctuation of input voltage on slow fluctuation of ohm loading residual ripple maximum typical voltage peak maximum typical omaximum typical omaximum typical fuse protection type in the feeder a maximum typical display version for normal operation 20 A 3 ms 1.2 A²-s T. 3,15 A/250 V (not accessible) Recommended miniature circuit breaker: from 6 A characteristic C output voltage Controlled, isolated DC voltage 24 V voltage 24 V voltage 24 V voltage adjustable No; - 18 A V 18 A V No; - 18 A V 18 A V 18 A V 18 A V 19 A V 18 A V 1 | at rated input voltage 120 V | 2.3 A | |
| duration of inrush current limiting at 25 °C • maximum 1.2 A²-s fuse protection type fuse protection type in the feeder fuse protection type in the feeder coutput Voltage curve at output Voltage curve at output voltage at DC rated value • at output 1 at DC rated value output voltage adjustable relative overall tolerance of the voltage • on slow fluctuation of input voltage • on slow fluctuation of ohm loading residual ripple • maximum • typical voltage peak • maximum • typical display version for normal operation Green LED for 24 V OK | at rated input voltage 230 V | 1.2 A | |
| maximum 3 ms 12t value maximum 1.2 A²-s fuse protection type fuse protection type in the feeder recommended miniature circuit breaker: from 6 A characteristic C recomposition type in the feeder recommended miniature circuit breaker: from 6 A characteristic C relative output voltage at DC rated value output voltage output 1 at DC rated value output voltage adjustable relative overall tolerance of the voltage on slow fluctuation of input voltage on slow fluctuation of ohm loading residual ripple maximum typical output | current limitation of inrush current at 25 °C maximum | 20 A | |
| I2t value maximum fuse protection type fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C output voltage curve at output voltage at DC rated value output voltage at output 1 at DC rated value output voltage adjustable relative overall tolerance of the voltage on slow fluctuation of input voltage on slow fluctuation of ohm loading residual ripple maximum typical output output voltage peak maximum typical output output display version for normal operation 1.2 A²-s T 3,15 A/250 V (not accessible) Recommended miniature circuit breaker: from 6 A characteristic C output Output voltage Output voltage 24 V Output voltage 24 V Output voltage adjustable No; - 3 % 10 N; 50 mV 10 mV voltage peak 10 mV display version for normal operation 1.2 A²-s T 3,15 A/250 V (not accessible) Recommended miniature circuit breaker: from 6 A characteristic C Output voltage | duration of inrush current limiting at 25 °C | | |
| fuse protection type fuse protection type in the feeder Recommended miniature circuit breaker: from 6 A characteristic C output voltage curve at output output voltage at DC rated value • at output 1 at DC rated value output voltage adjustable relative overall tolerance of the voltage • on slow fluctuation of input voltage • maximum • typical output voltage peak • maximum • typical display version for normal operation T 3,15 A/250 V (not accessible) Recommended miniature circuit breaker: from 6 A characteristic C Output breaker: from 6 A characteristic C Recommended miniature circuit breaker: from 6 A characteristic C Recommended miniature circuit breaker: from 6 A characteristic C Output breaker: from 6 A characteristic C Controlled, isolated DC voltage 24 V Output voltage 0 1 V 0 - Telefive control precision of the output voltage 0 1 % 0 1 % 0 5 % Tesidual ripple 10 mV Voltage peak 150 mV | maximum | 3 ms | |
| fuse protection type in the feeder output voltage curve at output output voltage at DC rated value output voltage output voltage output 1 at DC rated value output voltage adjustable relative overall tolerance of the voltage on slow fluctuation of ohm loading residual ripple maximum typical voltage paak maximum typical display version for normal operation Recommended miniature circuit breaker: from 6 A characteristic C Recommended miniature circuit breaker: from 6 A characteristic C Recommended miniature circuit breaker: from 6 A characteristic C Controlled, isolated DC voltage 24 V Output voltage 24 V Output voltage adjustable No; - 14 V No; - 15 OmV 15 OmV 15 OmV Green LED for 24 V OK | I2t value maximum | 1.2 A²·s | |
| voltage curve at output voltage at DC rated value output voltage • at output 1 at DC rated value output voltage adjustable relative overall tolerance of the voltage • on slow fluctuation of input voltage • on slow fluctuation of ohm loading residual ripple • maximum • typical • maximum • typical display version for normal operation Controlled, isolated DC voltage 24 V Controlled, isolated DC voltage 24 V Output voltage 04 V No; - 14 V 05 V 07 V 08 V 18 V 19 V 10 mV 150 mV Green LED for 24 V OK | fuse protection type | T 3,15 A/250 V (not accessible) | |
| voltage curve at output output voltage at DC rated value output voltage • at output 1 at DC rated value output voltage adjustable output voltage adjustable relative overall tolerance of the voltage • on slow fluctuation of input voltage • on slow fluctuation of ohm loading residual ripple • maximum • typical • maximum • typical output voltage adjustable 150 mV display version for normal operation Controlled, isolated DC voltage 24 V Output voltage 04 V Output voltage adjustable No; - 24 V Output voltage aljustable No; - 24 V Output voltage aljustable No; - 3 % Felative control precision of the output voltage 0.1 % 0.5 % Fesidual ripple • maximum • typical Green LED for 24 V OK | fuse protection type in the feeder | Recommended miniature circuit breaker: from 6 A characteristic C | |
| output voltage at DC rated value output voltage • at output 1 at DC rated value 24 V output voltage adjustable relative overall tolerance of the voltage • on slow fluctuation of input voltage • on slow fluctuation of ohm loading residual ripple • maximum • typical • maximum • for mV ottage peak • maximum • typical | output | | |
| output voltage • at output 1 at DC rated value 24 V output voltage adjustable relative overall tolerance of the voltage • on slow fluctuation of input voltage • on slow fluctuation of ohm loading residual ripple • maximum • typical • for DV • typical Green LED for 24 V OK | voltage curve at output | Controlled, isolated DC voltage | |
| at output 1 at DC rated value Output voltage adjustable relative overall tolerance of the voltage relative control precision of the output voltage on slow fluctuation of input voltage on slow fluctuation of ohm loading residual ripple maximum typical voltage peak maximum typical on maximum on typical on maximum on typical on mov on typical on mov on typical on mov on typical on t | output voltage at DC rated value | 24 V | |
| output voltage adjustable relative overall tolerance of the voltage relative control precision of the output voltage on slow fluctuation of input voltage on slow fluctuation of ohm loading residual ripple maximum typical otypical otypica | output voltage | | |
| relative overall tolerance of the voltage relative control precision of the output voltage on slow fluctuation of input voltage on slow fluctuation of ohm loading on slow fluctuation of ohm loading residual ripple maximum typical otypical otypica | at output 1 at DC rated value | 24 V | |
| relative overall tolerance of the voltage relative control precision of the output voltage on slow fluctuation of input voltage on slow fluctuation of ohm loading on slow fluctuation of ohm loading residual ripple maximum typical otypical otypica | output voltage adjustable | No: - | |
| relative control precision of the output voltage on slow fluctuation of input voltage on slow fluctuation of ohm loading residual ripple maximum typical voltage peak maximum typical maximum typical maximum typical maximum typical maximum typical from W otypical display version for normal operation on the output voltage to all the output volta | | · | |
| on slow fluctuation of input voltage on slow fluctuation of ohm loading residual ripple maximum typical voltage peak maximum typical typical typical of mv typical typical typical typical of mv typical of mv of mv of typical of ceen LED for 24 V OK | | 0 //0 | |
| on slow fluctuation of ohm loading residual ripple maximum | | 0.1 % | |
| residual ripple maximum | · | | |
| maximum typical typical maximum maximum typical typical display version for normal operation 50 mV 20 mV Green LED for 24 V OK | | 0.0 /0 | |
| ● typical 10 mV voltage peak ● maximum ● typical ● typical display version for normal operation 150 mV Green LED for 24 V OK Company of the period | • • | 50 mV | |
| voltage peak • maximum • typical display version for normal operation 150 mV 20 mV Green LED for 24 V OK | | | |
| maximum typical display version for normal operation 150 mV 20 mV Green LED for 24 V OK | • | | |
| ● typical 20 mV display version for normal operation Green LED for 24 V OK | | 150 mV | |
| display version for normal operation Green LED for 24 V OK | | | |
| | | | |
| | <u> </u> | | |

| response delay maximum | 2 s | |
|--|--|--|
| voltage increase time of the output voltage | | |
| • typical | 10 ms | |
| output current | | |
| rated value | 5 A | |
| rated range | 0 5 A | |
| supplied active power typical | 120 W | |
| short-term overload current | | |
| on short-circuiting during the start-up typical | 20 A | |
| at short-circuit during operation typical | 20 A | |
| duration of overloading capability for excess current | | |
| on short-circuiting during the start-up | 100 ms | |
| at short-circuit during operation | 100 ms | |
| bridging of equipment | Yes | |
| efficiency | | |
| efficiency in percent | 87 % | |
| power loss [W] | | |
| at rated output voltage for rated value of the output | 18 W | |
| current typical | | |
| closed-loop control | | |
| relative control precision of the output voltage with rapid fluctuation of the input voltage by +/- 15% typical | 0.1 % | |
| relative control precision of the output voltage load step of resistive load 50/100/50 % typical | 1 % | |
| setting time | | |
| load step 50 to 100% typical | 0.3 ms | |
| load step 100 to 50% typical | 0.3 ms | |
| protection and monitoring | | |
| design of the overvoltage protection | Additional control loop, shutdown at < 28.8 V, automatic restart | |
| property of the output short-circuit proof | Yes | |
| design of short-circuit protection | Electronic shutdown, automatic restart | |
| response value current limitation | 5.5 6.5 A | |
| enduring short circuit current RMS value | | |
| • maximum | 7 A | |
| safety | | |
| galvanic isolation between input and output | Yes | |
| galvanic isolation | Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178 | |
| operating resource protection class | Class I | |
| leakage current | | |
| • maximum | 3.5 mA | |
| • typical | 0.5 mA | |
| protection class IP | IP20 | |
| standard | | |
| for emitted interference | EN 55022 Class B | |
| | EN 61000-3-2 | |
| for mains harmonics limitation | LIV 01000-3-2 | |
| for mains harmonics limitation for interference immunity | EN 61000-6-2 | |
| | | |
| • for interference immunity | | |
| for interference immunity standards, specifications, approvals | | |
| for interference immunity standards, specifications, approvals certificate of suitability | EN 61000-6-2 | |
| for interference immunity standards, specifications, approvals certificate of suitability | EN 61000-6-2 Yes | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • EAC approval | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • EAC approval • NEC Class 2 | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • EAC approval • NEC Class 2 type of certification | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes No | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • EAC approval • NEC Class 2 type of certification • BIS | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes No Yes; R-41183539 | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • EAC approval • NEC Class 2 type of certification • BIS • CB-certificate | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes No Yes; R-41183539 Yes 2 480 589 h | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • EAC approval • NEC Class 2 type of certification • BIS • CB-certificate MTBF at 40 °C | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes No Yes; R-41183539 Yes 2 480 589 h | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • RAC approval • NEC Class 2 type of certification • BIS • CB-certificate MTBF at 40 °C standards, specifications, approvals hazardous environments | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes No Yes; R-41183539 Yes 2 480 589 h | |
| for interference immunity standards, specifications, approvals certificate of suitability • CE marking • UL approval • CSA approval • EAC approval • NEC Class 2 type of certification • BIS • CB-certificate MTBF at 40 °C standards, specifications, approvals hazardous environments certificate of suitability | Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289 Yes No Yes; R-41183539 Yes 2 480 589 h | |

| ULhazloc approval | Yes | |
|---|---|--|
| cCSAus, Class 1, Division 2 | No | |
| FM registration | Yes; Class I, Div. 2, Group ABCD, T4 | |
| standards, specifications, approvals marine classification | | |
| shipbuilding approval | Yes | |
| Marine classification association | | |
| American Bureau of Shipping Europe Ltd. (ABS) | No | |
| French marine classification society (BV) | No | |
| Det Norske Veritas (DNV) | No | |
| Lloyds Register of Shipping (LRS) | Yes | |
| standards, specifications, approvals Environmental Product Dec | claration | |
| Environmental Product Declaration | Yes | |
| Global Warming Potential [CO2 eq] | | |
| ● total | 575.4 kg | |
| during manufacturing | 11.8 kg | |
| during operation | 563.1 kg | |
| after end of life | 0.38 kg | |
| ambient conditions | | |
| ambient temperature | | |
| during operation | 0 60 °C; with natural convection | |
| during transport | -40 +85 °C | |
| during storage | -40 +85 °C | |
| environmental category according to IEC 60721 | Climate class 3K3, 5 95% no condensation | |
| connection method | | |
| type of electrical connection | screw terminal | |
| • at input | L, N, PE: 1 screw terminal each for 0.5 2.5 mm² single-core/finely stranded | |
| • at output | L+, M: 3 screw terminals each for 0.5 2.5 mm ² | |
| for auxiliary contacts | • | |
| mechanical data | | |
| width × height × depth of the enclosure | 60 × 125 × 120 mm | |
| installation width × mounting height | 60 mm × 205 mm | |
| required spacing | | |
| • top | 40 mm | |
| • bottom | 40 mm | |
| ● left | 0 mm | |
| | | |
| • right | 0 mm | |
| • right fastening method | 0 mm Can be mounted onto S7 rail | |
| | | |
| fastening method | Can be mounted onto S7 rail | |
| fastening method • standard rail mounting | Can be mounted onto S7 rail No Yes No | |
| fastening method | Can be mounted onto S7 rail No Yes No Yes | |
| fastening method | Can be mounted onto S7 rail No Yes No | |
| fastening method | Can be mounted onto S7 rail No Yes No Yes 0.6 kg | |
| fastening method | Can be mounted onto S7 rail No Yes No Yes | |
| fastening method | Can be mounted onto S7 rail No Yes No Yes 0.6 kg | |
| fastening method | Can be mounted onto S7 rail No Yes No Yes 0.6 kg | |
| fastening method | Can be mounted onto S7 rail No Yes No Yes 0.6 kg | |
| fastening method | Can be mounted onto S7 rail No Yes No Yes 0.6 kg Mounting adapter for standard mounting rail (6EP1971-1BA00) | |
| fastening method | Can be mounted onto S7 rail No Yes No Yes O.6 kg Mounting adapter for standard mounting rail (6EP1971-1BA00) | |
| fastening method • standard rail mounting • S7 rail mounting • wall mounting housing can be lined up net weight accessories mechanical accessories further information internet links internet link • to website: Industry Mall • to website: Industrial communication • to website: CAx-Download-Manager • to website: Industry Online Support | Can be mounted onto S7 rail No Yes No Yes O.6 kg Mounting adapter for standard mounting rail (6EP1971-1BA00) https://mall.industry.siemens.com https://siemens.com/industrial-communication | |
| fastening method • standard rail mounting • S7 rail mounting • wall mounting housing can be lined up net weight accessories mechanical accessories further information internet links internet link • to website: Industry Mall • to website: Industrial communication • to website: CAx-Download-Manager | Can be mounted onto S7 rail No Yes No Yes O.6 kg Mounting adapter for standard mounting rail (6EP1971-1BA00) https://mall.industry.siemens.com https://siemens.com/industrial-communication https://siemens.com/cax | |
| fastening method • standard rail mounting • S7 rail mounting • wall mounting housing can be lined up net weight accessories mechanical accessories further information internet links internet link • to website: Industry Mall • to website: Industrial communication • to website: CAx-Download-Manager • to website: Industry Online Support | Can be mounted onto S7 rail No Yes No Yes O.6 kg Mounting adapter for standard mounting rail (6EP1971-1BA00) https://mall.industry.siemens.com https://siemens.com/industrial-communication https://siemens.com/cax | |
| fastening method • standard rail mounting • S7 rail mounting • wall mounting housing can be lined up net weight accessories mechanical accessories further information internet links internet link • to website: Industry Mall • to website: Industrial communication • to website: CAx-Download-Manager • to website: Industry Online Support additional information | Can be mounted onto S7 rail No Yes No Yes 0.6 kg Mounting adapter for standard mounting rail (6EP1971-1BA00) https://mall.industry.siemens.com https://siemens.com/industrial-communication https://siemens.com/cax https://support.industry.siemens.com Specifications at rated input voltage and ambient temperature +25 °C (unless | |
| fastening method • standard rail mounting • S7 rail mounting • wall mounting housing can be lined up net weight accessories mechanical accessories further information internet links internet link • to website: Industry Mall • to website: Industrial communication • to website: CAx-Download-Manager • to website: Industry Online Support additional information other information | Can be mounted onto S7 rail No Yes No Yes 0.6 kg Mounting adapter for standard mounting rail (6EP1971-1BA00) https://mall.industry.siemens.com https://siemens.com/industrial-communication https://siemens.com/cax https://support.industry.siemens.com Specifications at rated input voltage and ambient temperature +25 °C (unless | |

necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Classifications

| | Version | Classification |
|--------|---------|----------------|
| eClass | 14 | 27-04-07-01 |
| eClass | 12 | 27-04-07-01 |
| eClass | 9.1 | 27-04-07-01 |
| eClass | 9 | 27-04-07-01 |
| eClass | 8 | 27-04-90-02 |
| eClass | 7.1 | 27-04-90-02 |
| eClass | 6 | 27-04-90-02 |
| ETIM | 9 | EC002540 |
| ETIM | 8 | EC002540 |
| ETIM | 7 | EC002540 |
| IDEA | 4 | 4130 |
| UNSPSC | 15 | 39-12-10-04 |

Approvals Certificates

General Product Approval



Manufacturer Declaration









General Product Approval

Marine / Shipping

Environment



BIS CRS





last modified:

6/26/2024