## **SIEMENS**

Data sheet 6EP1333-4BA00



SIMATIC PM 1507/1AC/24VDC/8A

SIMATIC PM 1507 24 V/8 A Regulated power supply for SIMATIC S7-1500 input: 120/230 V AC, output: 24 V DC/8 A

input		
type of the power supply network	1-phase AC	
supply voltage at AC	Automatic range selection	
supply voltage	120 V/230 V	
input voltage 1 at AC	85 132 V	
input voltage 2 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	45 65 Hz	
input current		
<ul> <li>at rated input voltage 120 V</li> </ul>	3.7 A	
<ul> <li>at rated input voltage 230 V</li> </ul>	1.7 A	
current limitation of inrush current at 25 °C maximum	62 A	
duration of inrush current limiting at 25 °C		
maximum	3 ms	
12t value maximum	12 A²-s	
fuse protection type	T 6.3 A/250 V (not accessible)	
fuse protection type in the feeder	Recommended miniature circuit breaker: 16 A characteristic B or 10 A characteristic C	
output		
voltage curve at output	Controlled, isolated DC voltage	
output voltage at DC rated value	24 V	
output voltage		
at output 1 at DC rated value	24 V	
output voltage adjustable	No	
relative overall tolerance of the voltage	1 %	
relative control precision of the output voltage		
on slow fluctuation of input voltage	0.1 %	
on slow fluctuation of ohm loading	0.1 %	
residual ripple		
• maximum	50 mV	
voltage peak		
• maximum	150 mV	
display version for normal operation	LED green for 24 V OK; LED red for error; LED yellow for stand-by	
behavior of the output voltage when switching on	No overshoot of Vout (soft start)	
response delay maximum	1.5 s	

voltage increase time of the output voltage		
• typical	10 ms	
output current		
rated value	8 A	
rated range	0 8 A	
supplied active power typical	192 W	
short-term overload current		
<ul> <li>on short-circuiting during the start-up typical</li> </ul>	35 A	
at short-circuit during operation typical	35 A	
duration of overloading capability for excess current		
on short-circuiting during the start-up	70 ms	
at short-circuit during operation	70 ms	
bridging of equipment	Yes	
number of parallel-switched equipment resources for increasing the power	2	
efficiency		
efficiency in percent	90 %	
power loss [W]		
at rated output voltage for rated value of the output current typical	21 W	
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	2 %	
relative control precision of the output voltage at load step of resistive load 10/90/10 % typical	3 %	
setting time		
• load step 10 to 90% typical	5 ms	
<ul><li>load step 90 to 10% typical</li></ul>	5 ms	
• maximum	5 ms	
protection and monitoring		
design of the overvoltage protection	Additional control loop, limitation (closed loop control) at < 28.8 V	
property of the output short-circuit proof	Yes	
design of short-circuit protection	Electronic shutdown, automatic restart	
response value current limitation	8.4 9.6 A	
• typical	9 A	
• typical		
• typical safety		
	Yes	
safety	Yes Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2	
safety galvanic isolation between input and output	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN	
galvanic isolation between input and output galvanic isolation	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2	
galvanic isolation between input and output galvanic isolation  operating resource protection class	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2	
galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I	
galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current  • maximum	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I  3.5 mA	
galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current  • maximum  • typical	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I  3.5 mA 1.3 mA	
safety galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current  • maximum  • typical protection class IP	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I  3.5 mA 1.3 mA	
safety galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I  3.5 mA 1.3 mA	
galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current  • maximum  • typical protection class IP  EMC standard	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I  3.5 mA 1.3 mA IP20	
galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I  3.5 mA 1.3 mA IP20 EN 55022 Class B	
safety  galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current  • maximum • typical protection class IP  EMC  standard  • for emitted interference • for mains harmonics limitation • for interference immunity	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I  3.5 mA 1.3 mA IP20 EN 55022 Class B EN 61000-3-2	
safety  galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current  • maximum  • typical protection class IP  EMC  standard  • for emitted interference • for mains harmonics limitation • for interference immunity  standards, specifications, approvals	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2 Class I  3.5 mA 1.3 mA IP20 EN 55022 Class B EN 61000-3-2	
galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA 1.3 mA IP20  EN 55022 Class B EN 61000-3-2 EN 61000-6-2	
galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA 1.3 mA IP20  EN 55022 Class B EN 61000-3-2 EN 61000-6-2  Yes	
safety galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA 1.3 mA IP20  EN 55022 Class B EN 61000-3-2 EN 61000-6-2  Yes Yes; cULus-Listed (UL 508, CSA C22.2 No. 142), File E143289	
safety galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA  1.3 mA  IP20  EN 55022 Class B  EN 61000-3-2  EN 61000-6-2  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	
safety galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA 1.3 mA IP20  EN 55022 Class B EN 61000-3-2 EN 61000-6-2  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	
safety galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA 1.3 mA IP20  EN 55022 Class B EN 61000-3-2 EN 61000-6-2  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 Yes	
safety galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA 1.3 mA IP20  EN 55022 Class B EN 61000-3-2 EN 61000-6-2  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 Yes Yes	
safety galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA 1.3 mA IP20  EN 55022 Class B EN 61000-3-2 EN 61000-6-2  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 Yes	
galvanic isolation between input and output galvanic isolation  operating resource protection class leakage current	Safety extra-low output voltage Vout acc. to EN 60950-1 and EN 50178 and EN 61131-2  Class I  3.5 mA 1.3 mA IP20  EN 55022 Class B EN 61000-3-2 EN 61000-6-2  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 Yes Yes	

MTBC at 40 °C   1 382 916 h	CB-certificate	Yes		
certification of suitability    EICET	MTBF at 40 °C	1 362 918 h		
EICEs	standards, specifications, approvals hazardous environments			
- ATEX - ULivaroos approval - CCSNAS, Class 1, Division 2 - No - CCC for hazardous zone according to GB standard - CCSNAS, Class 1, Division 2 - CCC for hazardous zone according to GB standard - No - CCC for hazardous zone according to GB standard - No - The registration - White plastration - White plastration - White plastration - White plastration subspect of the control of t	certificate of suitability			
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Marine dissification association  American Bureau of Shipping Europe Ltd. (ABS)  French marine classification society (BV)  Det Norske Veritas (DNV)  Libudys Register of Shipping (LRS)  Standards, specifications, approvals Environmental Product Declaration global warming potential (CO2 eq)  total  during manufacturing  during operation  after end of life  O,51 kg  during operation  in in historicant innounting position during operation  in historicant innounting  into into into into into into into into	standards, specifications, approvals marine classification			
American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BVY) French marine classification society (BVY) Loyds Register of Shipping (LRS) No  Standards, specifications, approvals Environmental Product Declaration global warming potential (CO2 eq) total during manufacturing total during operation after end of life during operation after end of life ambient conditions  ambient temperature during operation in indizontal mounting position during operation during storage durin	shipbuilding approval	Yes		
French marine classification society (BV) Det Norske Vertlas (DNV) L bloyds Register of Shipping (LRS) No  standards, specifications, approvals Environmental Product Declaration global warming potential (CO2 eq) total during manufacturing claim operation after end of life during operation in horizontal mounting position during operation in horizontal mounting position during operation in horizontal mounting position during operation during storage environmental category according to IEC 60721 Connection method type of electrical aconnection at input st input st output removable terminal at input removable terminal at input removable terminal at output mochanical data width × height × depth of the enclosure installation width × mounting height required spacing top storage storage top sto	Marine classification association			
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Lloyds Register of Shipping (LRS)  standards, specifications, approvals Environmental Product Declaration global warming potential (CO2 eq)  • total  • during manufacturing  • during operation  • after end of life  • during operation  • annihent temperature  • during operation  • in horizontal mounting position during operation  • in vertical mounting position during operation  • during strasport  • during clamp connection  • at input  • at output  • yes  removable terminal at input  yes  removable terminal at output  yes  removable termina	<ul> <li>French marine classification society (BV)</li> </ul>	Yes		
global warming potential [CO2 eq]  • total  • during manufacturing  • during operation  • after end of life  • obtain  ambient temperature  • during operation  • in horizontal mounting position during operation  • in horizontal mounting position during operation  • in vertical mounting position during operation  • in vertical mounting position during operation  • in vertical mounting position during operation  • during storage  • during storage  • during storage  • during storage  • valum-85°C  • during transport  • at input  type of electrical connection  • at input  • at output  L*, M, PE: 1 screw terminal each for 0.5: 2.5 mm²  • at output  removable terminal at input  removable terminal at output  yes  mochanical data  width * height * depth of the enclosure  installation width * mounting height  required spacing  • top  • bottom  • left  • DIN-rail mounting  • No  housing can be lined up  net weight  • to website: Industry Mall  • to web page: power supplies  interest industry. Sciences and interest completed in the support  house-size industry. Sciences and interest completed in the surport storage  • to website: Industry Mall  • to website: Industry Mall  • to website: Industry Mall  • to website: Industry Online Support  • thus://support.industry.siemens.com	<ul> <li>Det Norske Veritas (DNV)</li> </ul>	Yes		
global warming potential [CO2 eq]  • total  • during manufacturing  • during operation  • after end of life  • during operation  • after end of life  • during operation  • an of "C; with natural convection  • in vertical mounting position during operation  • in vertical mounting position during operation  • during storage  • during storage  • during storage  • during storage  • an one to "C; with natural convection  • in vertical mounting position during operation  • during storage  • 40 485 "C  • environmental category according to IEC 60721  Climate class 3K3, 5 95% no condensation  connection method  type of electrical connection  • at input  • at output  • an ou	<ul> <li>Lloyds Register of Shipping (LRS)</li> </ul>	No		
• total     • during manufacturing     • during peration     • during peration     • after end of life     • anbient conditions  ambient emperature     • during operation     • in horizontal mounting position during operation     • in horizontal mounting position during operation     • in vertical mounting position during operation     • In vertical mounting position during operation     • during storage     • evinor mental category according to IEC 60721     • Climate class 3K3, 5 95% no condensation      • Screw-/spring clamp connection     • Li riput     • Screw-/spring clamp connection     • Li riput     • at output     • Yes     • moshanical data     width × height × depth of the enclosure     installation width × mounting height     required spacing     • top     • bottom     • left     • pright     fastering method     • DIN-rail mounting     • S7 rail mounting     • S7 rail mounting     • No     housing can be lined up     net weight     further information Internet links     internet link     • to website: Industry Mall     • to web page: power supplies     • to website: Industry Mall     • to website: Industry Solnine Support     Inters/Support Industry, siemens.com	standards, specifications, approvals Environmental Product Dec	claration		
- during operation - after end of life - during operation - after end of life - during operation - and the end of life - during operation - in horizontal mounting position during operation - in horizontal mounting position during operation - in vertical mounting position during operation - during transport - during transport - during storage - 40 485 °C - environmental category according to IEC 60721 - Climate class 3K3, 5 95% no condensation - connection method - type of electrical connection - at input - at output - at output - at output - this 2 pring-loaded terminal each for 0.5 to 2.5 mm² - removable terminal at input - removable terminal at output - removable terminal at removable terminal	global warming potential [CO2 eq]			
antifer and of life antifer a	• total	589.1 kg		
after end of life  mbient conditions  ambient temperature  ouring operation  in vertical mounting position during operation  in vertical mounting position during operation  ouring transport  ouring transport  ouring storage  environmental category according to IEC 60721  connection method  type of electrical connection  at triput  output  tal triput  output  tremovable terminal at input  removable terminal at input  removable terminal at output  removable terminal at output  removable terminal at output  removable terminal at output  removable terminal with x mounting height  required spacing  op  op  op  top  Op  Ad mm  oleft  op  op  op  top  op  top  can be mounted onto S7-1500 rail  output  output  output  output  output  required spacing  op  op  op  op  op  op  op  top  op  o	during manufacturing	14 kg		
ambient conditions  ambient temperature  • during operation • in horizontal mounting position during operation • in horizontal mounting position during operation • in vertical mounting position during operation • during storage • during storage • 40 +85 °C  environmental category according to IEC 60721  Climate class 3K3, 5 95% no condensation  connection method  type of electrical connection • at input • at output • at output  removable terminal at input  removable terminal at output  Yes  mechanical data width × height × depth of the enclosure installation width × mounting height  required spacing • top • bottom • left • O mm • loft mounting • S7 rail mounting • S7 rail mounting • No housing can be lined up not weight  further information internet links  internet link • to website: Industry Mall • to web page: selection ald TIA Selection Tool • to web page: power supplies • to website: Industry Online Support • thus Sidemens.com	during operation	574.4 kg		
ambient temperature  • during operation • in horizontal mounting position during operation • in horizontal mounting position during operation • in vertical mounting position during operation • of well amounting position during operation • during transport • during storage • during at a same and a sa	after end of life	0.51 kg		
<ul> <li>during operation</li> <li>in horizontal mounting position during operation</li> <li>in vertical mounting position during operation</li> <li>during transport</li> <li>during storage</li> <li>environmental category according to IEC 60721</li> <li>Climate class 3K3, 5 95% no condensation</li> <li>connection method</li> <li>type of electrical connection</li> <li>at input</li> <li>L, N, PE: 1 screw terminal each for 0.5 2.5 mm²</li> <li>t-4, M: 2 spring-loaded terminals each for 0.5 to 2.5 mm²</li> <li>removable terminal at input</li> <li>Yes</li> <li>removable terminal at output</li> <li>Yes</li> <li>width × height × depth of the enclosure</li> <li>installation width × mounting height</li> <li>required spacing</li> <li>top</li> <li>bottom</li> <li>left</li> <li>omm</li> <li>eleft</li> <li>omm</li> <li>eleft</li> <li>omm</li> <li>soltom</li> <li>Somm</li> <li>one mounting</li> <li>No</li> <li>Somm</li> <li>one mounting</li> <li>one mounting<!--</td--><td>ambient conditions</td><td></td></li></ul>	ambient conditions			
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in vertical mounting position during operation during transport during storage environmental category according to IEC 60721  connection method  type of electrical connection at input the at output the at output tremovable terminal at input yes removable terminal at output  width × height × depth of the enclosure installation width × mounting height teleft omm eleft omm bottom eleft omm collination collination method  tyes  connection method  type of electrical connection Screw-/spring clamp connection L, N, PE: 1 screw terminal each for 0.5 2.5 mm² L+, M: 2 spring-loaded terminals each for 0.5 to 2.5 mm²  removable terminal at input yes  removable terminal at output Yes  removable terminal at output  yes  removable terminal at output  Tyes  removable terminal at output  yes  redured spacing  otop  o	during operation	0 60 °C; with natural convection		
<ul> <li>during transport</li> <li>during storage</li> <li>and 0 +85 °C</li> <li>during storage</li> <li>environmental category according to IEC 60721</li> <li>Climate class 3K3, 5 95% no condensation</li> </ul> connection method type of electrical connection <ul> <li>at input</li> <li>t, N, PE: 1 screw terminal each for 0.5 2.5 mm²</li> <li>at output</li> <li>removable terminal at input</li> <li>Yes</li> </ul> removable terminal at output Yes mechanical data width × height × depth of the enclosure <ul> <li>75 × 147 × 129 mm</li> <li>installation width × mounting height</li> <li>75 mm × 205 mm</li> </ul> required spacing <ul> <li>top</li> <li>bottom</li> <li>left</li> <li>omm</li> <li>eleft</li> <li>omm</li> </ul> 57 rail mounting <ul> <li>No</li> <li>S7 rail mounting</li> <li>wall mounting</li> <li>woll mounting</li> <li>how busing can be lined up</li> <li>rot website: Industry Mall</li> <li>to website: Industry Mall</li> <li>https://mall.industry.siemens.com</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/sitop</li> </ul>	<ul> <li>in horizontal mounting position during operation</li> </ul>	0 60 °C		
environmental category according to IEC 60721  connection method  type of electrical connection  e at input  e at output  e at output  removable terminal at input  width × height × depth of the enclosure  installation width × mounting height  required spacing  e top  bottom  e left  o mm  o left  o mm  fastening method  o DIN-rail mounting  e S7 rail mounting  wall mounting  housing can be lined up  net weight  internet link  internet link  to website: Industry Mall  e to website: Industry Mall  o to web page: selection aid TIA Selection Tool  to web site: CAx-Download-Manager  o ttop scripciage industry. Surpers. Scripcing and surplus support intustry. Surpers. Com / tubes/sisemens.com/  https://semens.com/sisemens.com/  https://semens.com/sisemens.com/  https://semens.com/sisemens.com/  https://semens.com/sisemens.com/  https://semens.com/sisemens.com/  https://semens.com/cax  https://semens.com/sisemens.com/  https://semens.com/cax	<ul> <li>in vertical mounting position during operation</li> </ul>	0 40 °C		
environmental category according to IEC 60721  connection method  type of electrical connection  • at input  • at output  • at output  removable terminal at input  removable terminal at output  mechanical data  width × height × depth of the enclosure installation width × mounting height  required spacing  • top  • bottom  • left  • pight  fastening method  • DIN-rail mounting  • S7 rail mounting  • wall mounting  housing can be lined up  net weight  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to web site: CAx-Download-Manager  • to website: Industry Online Support  • tots. X. 25 mm/s  connection  Screw-/spring clamp connection  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  L, N, PE: 1 screw terminal each for 0.5 2.5 mm²  Pes 1 screw terminal each for 0.5 2.5 mm²  Pyes  40 mm  40 mm  9 und  9 om  6 om  9 om  10 mm  9 om  10 mm  10	during transport	-40 +85 °C		
type of electrical connection  • at input • at output • at output  removable terminal at input yes  machanical data  width × height × depth of the enclosure installation width × mounting height • top • bottom • left • right • at mounting • S7 rall mounting • S7 rall mounting • Wall mou	during storage	-40 +85 °C		
type of electrical connection  • at input  • at output  removable terminal at input  width × height × depth of the enclosure installation width × mounting height  required spacing  • top  • DiN-rail mounting  • S7 rail mounting  • S7 rail mounting  • Wall mounting  • Wall mounting  • Wall mounting  • Wall mounting  • Tyes  respectively and internet links  internet link  • to web page: selection aid TIA Selection Tool  • to web page: power supplies  • to website: Industry Online Support  • toutput  • toutput  • toutput  • to website: Industry Online Support  • toutput Streemens.com  • to website: Industry Online Support	environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation		
at input at output L+, M: 2 spring-loaded terminals each for 0.5 to 2.5 mm²  removable terminal at input removable terminal at output  Width × height × depth of the enclosure installation width × mounting height  required spacing  at top bottom bottom left oright restriction mounting bottom	connection method			
e at output  removable terminal at input  removable terminal at output  Yes  installation width × mounting height  75 × 147 × 129 mm  75 mm × 205 mm  required spacing  • top  • top  40 mm  40 mm  • left  • mm  • punch on the mounting  • S7 rail mounting  • S7 rail mounting  • S7 rail mounting  No  housing can be lined up  rewelght  10.74 kg  rurther information internet links  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to web page: power supplies  • to website: CAx-Download-Manager  • to website: Industry Online Support  https://support.industry.siemens.com/	type of electrical connection	Screw-/spring clamp connection		
removable terminal at input  removable terminal at output  yes  mechanical data  width × height × depth of the enclosure installation width × mounting height  for mm × 205 mm  required spacing  • top • bottom • bottom • left • oright • right • pIN-rail mounting • S7 rail mounting • S7 rail mounting • wall mounting housing can be lined up net weight  further information internet links  internet link • to web page: selection aid TIA Selection Tool • to web page: power supplies • to website: Industry Online Support	• at input	L, N, PE: 1 screw terminal each for 0.5 2.5 mm <sup>2</sup>		
removable terminal at output  mechanical data  width × height × depth of the enclosure installation width × mounting height required spacing • top • bottom • left • right • right fastening method • S7 rail mounting • Wall mounting • wall mounting housing can be lined up net weight internet link  • to website: Industry Mall • to website: CAx-Download-Manager • to website: Industry Online Support  • to website: Industry Siemens.com  • to website: Industry Online Support  • to website: Industry Online Support  • to website: Industry Online Support  • to website: Industry Siemens.com  • to website: Industry Online Support  • to website: Industry Siemens.com  • to website: Industry Online Support  • to website: Industry Siemens.com  • to website: Industry Online Support	at output	L+, M: 2 spring-loaded terminals each for 0.5 to 2.5 mm²		
mechanical data       width × height × depth of the enclosure     75 × 147 × 129 mm       installation width × mounting height     75 mm × 205 mm       required spacing     40 mm       • top     40 mm       • bottom     40 mm       • left     0 mm       • right     0 mm       fastening method     Can be mounted onto S7-1500 rail       • DIN-rail mounting     No       • S7 rail mounting     Yes       • wall mounting     No       housing can be lined up     Yes       net weight     0.74 kg       further information internet links       internet link     • to website: Industry Mall     https://mall.industry.siemens.com       • to web page: selection aid TIA Selection Tool     https://sww.siemens.com/sitop       • to website: CAx-Download-Manager     https://siemens.com/sitop       • to website: Industry Online Support     https://support.industry.siemens.com	removable terminal at input	Yes		
width × height × depth of the enclosure installation width × mounting height required spacing  • top • top • bottom • bottom • left • o mm • right fastening method • DIN-rail mounting • wall mounting • wall mounting housing can be lined up net weight  internet link • to website: Industry Mall • to website: CAx-Download-Manager • to website: Industry Online Support  **Total mounting  75 × 147 × 129 mm  75 mm × 205 mm 75 mm	removable terminal at output	Yes		
installation width × mounting height  required spacing  • top  • bottom  • left  • right  • right  • DIN-rail mounting  • wall mounting  • wall mounting  housing can be lined up  net weight  • to website: Industry Mall  • to website: CAx-Download-Manager  • to website: Industry Online Support  • to website: Industry Siemens.com  • to website: Industry Online Support  • to website: Industry Siemens.com	mechanical data			
required spacing  • top  • bottom  • left  • right  • right  • DIN-rail mounting  • wall mounting  • wall mounting  housing can be lined up  net weight  • to website: Industry Mall  • to web page: power supplies  • to website: CAx-Download-Manager  • to website: Industry Online Support	width × height × depth of the enclosure	75 × 147 × 129 mm		
<ul> <li>top</li> <li>bottom</li> <li>left</li> <li>0 mm</li> <li>right</li> <li>0 mm</li> <li>fastening method</li> <li>DIN-rail mounting</li> <li>S7 rail mounting</li> <li>wall mounting</li> <li>wall mounting</li> <li>hoo</li> <li>housing can be lined up</li> <li>ret weight</li> <li>0.74 kg</li> <li>further information internet links</li> <li>internet link</li> <li>to web site: Industry Mall</li> <li>to web page: selection aid TIA Selection Tool</li> <li>to web page: power supplies</li> <li>to website: CAx-Download-Manager</li> <li>https://support.industry.siemens.com</li> <li>https://siemens.com/cax</li> <li>to website: Industry Online Support</li> <li>https://support.industry.siemens.com</li> </ul>	installation width × mounting height	75 mm × 205 mm		
bottom left left loft loft right loft loft loft loft loft loft loft lof	required spacing			
<ul> <li>left</li> <li>o mm</li> <li>o mm</li> <li>fastening method</li> <li>o DIN-rail mounting</li> <li>o DIN-rail mounting</li> <li>o S7 rail mounting</li> <li>o wall mounting</li> <li>housing can be lined up</li> <li>net weight</li> <li>o to website: Industry Mall</li> <li>o to web page: selection aid TIA Selection Tool</li> <li>o to web page: power supplies</li> <li>o to website: CAx-Download-Manager</li> <li>o to website: Industry Online Support</li> <li>https://support.industry.siemens.com/</li> <li>https://siemens.com/cax</li> <li>https://siemens.com/cax</li> <li>https://support.industry.siemens.com</li> </ul>	<ul> <li>top</li> </ul>	40 mm		
<ul> <li>right</li> <li>0 mm</li> <li>fastening method</li> <li>○ DIN-rail mounting</li> <li>○ S7 rail mounting</li> <li>○ wall mounting</li> <li>housing can be lined up</li> <li>net weight</li> <li>0.74 kg</li> <li>further information internet links</li> <li>internet link</li> <li>○ to website: Industry Mall</li> <li>○ to web page: selection aid TIA Selection Tool</li> <li>○ to web page: power supplies</li> <li>○ to website: CAx-Download-Manager</li> <li>○ to website: Industry Online Support</li> <li>https://summs.com/cax</li> <li>o to website: Industry Online Support</li> <li>https://summs.com/cat.nidustry.siemens.com</li> </ul>	• bottom	40 mm		
fastening method  DIN-rail mounting  S7 rail mounting  wall mounting  housing can be lined up  ret weight  further information internet links  internet link  to website: Industry Mall  to web page: selection aid TIA Selection Tool  to web page: power supplies  to website: CAx-Download-Manager  to website: Industry Online Support  https://siemens.com/cax  https://siemens.com/cax  https://siemens.com/cax  https://siemens.com/cax  https://siemens.com/cax  https://siemens.com/cax  https://siemens.com/cax	● left	0 mm		
DIN-rail mounting S7 rail mounting Wes wall mounting No housing can be lined up Yes net weight 0.74 kg  further information internet links internet link  to website: Industry Mall to web page: selection aid TIA Selection Tool to web page: power supplies to website: CAx-Download-Manager to website: Industry Online Support  https://siemens.com/cax https://siemens.com/cax https://siemens.com/cax https://siemens.com/cax https://siemens.com/cax https://siemens.com/cax	right	0 mm		
Solution So	fastening method	Can be mounted onto S7-1500 rail		
<ul> <li>wall mounting</li> <li>housing can be lined up</li> <li>ret weight</li> <li>0.74 kg</li> <li>further information internet links</li> <li>internet link</li> <li>to website: Industry Mall</li> <li>to web page: selection aid TIA Selection Tool</li> <li>to web page: power supplies</li> <li>to web site: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>https://siemens.com/cax</li> <li>https://siemens.com/</li> </ul>	DIN-rail mounting	No		
housing can be lined up  net weight  0.74 kg  further information internet links  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to web page: power supplies  • to web page: power supplies  • to website: CAx-Download-Manager  • to website: Industry Online Support  https://siemens.com/cax  • to website: Industry Online Support	S7 rail mounting	Yes		
net weight  further information internet links  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to web page: power supplies  • to web page: power supplies  • to website: CAx-Download-Manager  • to website: Industry Online Support  https://siemens.com/cax  https://siemens.com/cax  https://siemens.com/cax	wall mounting	No		
internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to web page: power supplies  • to website: CAx-Download-Manager  • to website: Industry Online Support  https://support.industry.siemens.com/  https://siemens.com/sitop  https://siemens.com/cax	housing can be lined up	Yes		
internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to web page: power supplies  • to website: CAx-Download-Manager  • to website: Industry Online Support  https://siemens.com/cax  https://siemens.com/cax		0.74 kg		
<ul> <li>to website: Industry Mall</li> <li>to web page: selection aid TIA Selection Tool</li> <li>to web page: power supplies</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>https://siemens.com/cax</li> <li>https://siemens.com/cax</li> <li>https://siemens.com/cax</li> </ul>	further information internet links			
<ul> <li>to web page: selection aid TIA Selection Tool</li> <li>to web page: power supplies</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>https://siemens.com/sitop</li> <li>https://siemens.com/cax</li> <li>https://siemens.com/cax</li> <li>https://support.industry.siemens.com</li> </ul>	internet link			
<ul> <li>to web page: power supplies</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>https://siemens.com/cax</li> <li>https://siemens.com/cax</li> <li>https://support.industry.siemens.com</li> </ul>	• to website: Industry Mall	https://mall.industry.siemens.com		
<ul> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>https://siemens.com/cax</li> <li>https://support.industry.siemens.com</li> </ul>	<ul> <li>to web page: selection aid TIA Selection Tool</li> </ul>	https://www.siemens.com/tstcloud		
• to website: Industry Online Support <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>		https://siemens.com/sitop		
	<ul><li>to website: CAx-Download-Manager</li></ul>			
additional information	to website: Industry Online Support	https://support.industry.siemens.com		
	additional information			

other information

Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

## security information

security information

Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is 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  $% \left( 1\right) =\left[ 1\right] \left[ 1\right] =\left[ 1\right] \left[ 1\right]$ 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** 

For use in hazardous locations

Miscellaneous

**BIS CRS** 







<u>FM</u>

For use in hazardous locations

Marine / Shipping

**Environment** 

CCC-Ex











last modified:

4/30/2025