## **SIEMENS**

Data sheet 6EP1433-0AA00



SITOP PSU300E/3AC/24VDC/5A

SITOP PSU300E 24 V/5 A Stabilized power supply input: 3 AC 400-500 V output: 24 V DC/5 A

nput		
type of the power supply network	3-phase AC	
supply voltage at AC		
minimum rated value	400 V	
<ul> <li>maximum rated value</li> </ul>	500 V	
initial value	320 V	
full-scale value	550 V	
wide range input	Yes	
buffering time for rated value of the output current in the event of power failure minimum	50 ms	
operating condition of the mains buffering	at Vin = 400 V	
line frequency	50/60 Hz	
line frequency	47 63 Hz	
input current		
at rated input voltage 400 V	0.36 A	
at rated input voltage 500 V	0.29 A	
current limitation of inrush current at 25 °C maximum	15 A	
I2t value maximum	0.9 A²·s	
fuse protection type	none	
fuse protection type in the feeder	Required: 3-pole connected miniature circuit breaker 6 A characteristic B or C or circuit breaker 3RV2011-1DA10 (setting 3 A) or 3RV2711-1DD10 (UL 489)	
utput		
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	Yes; via potentiometer	
adjustable output voltage	24 29 V; max. 120 W	
relative overall tolerance of the voltage	3 %	
relative control precision of the output voltage		
on slow fluctuation of input voltage	3 %	
on slow fluctuation of ohm loading	3 %	
residual ripple		
maximum	150 mV	
• typical	35 mV	
voltage peak		
• maximum	240 mV	
• typical	70 mV	
display version for normal operation	Green LED for 24 V OK	
type of signal at output	Relay contact (NO contact, rating 60 V DC/ 0.3 A) for "24 V OK"	

response delay measurement votage necesse time of the output volatige  * typical  * maximum  * rated value  * r	behavior of the output voltage when switching on	Overshoot of Vout approx. 3 %	
voltage increase time of the output voltage  • typical  • raided value  • on short-circuiting during the start-up typical  • at all other-circuit during persention typical  • on short-circuiting during the start-up  • on short-circuit during persent  • on short-circuiting during the start-up  • on short-circuiting output voltage of the output voltage of the output voltage of the start-up  • load step 0 to 10% typical  • load step 0			
Popical			
output current		10 ms	
output carriert	**		
* rated range     * rated range     * co			
aupplied active power typical short-term overfood current on short-ficulting during the start-up typical at a tabnet-incut during operation typical at a tabnet-incut during operation typical at a tabnet-incut during operation typical building of oregular peration at a tabnet-incut during operation building of oregular peration or oregular peration building of oregular peration or oregular peration building of oregular peration or organization or organization o	·	5 A	
supplied active power typical short-term overload current overload candellity operation typical overload overloading capability of excess current on short-circuit during peration typical overloading capability of excess current overloading capability overloading overloading peration overloading capability overloading overloading peration overloading capability overloading o	rated range		
short-term overtoad current  on short-circuit during operation typical at short-circuit during operation typical at short-circuit during operation by ical on short-circuit during operation at short-circuit during operation at short-circuit during operation bridging of equipment at short-circuit during operation bridging of equipment  no short-circuit during operation bridging of equipment  no short-circuit during operation  no short-circuit protection  no short-circuit during short-circuit pro		120 W	
on short-circulting during the start up typical     at short-circult during operation typical     on short-circulting during the start-up     on short-circulting or start-up     on short-circulting or start-up     on short-circulting or start-up     on short-circulting during the start-up     on short-circult protection     on short-ci		120 VV	
a short-circuit during operation typical  of a short-circuiting during the start-up  at short-circuiting during operation  at short-circuiting operation  bridging of equipment  officiency  efficiency in percent  power loss [W]  a trated output voltage for rated value of the output current typical  close-citions control  relative control precision of the output voltage with rapid (fluctuation of the input voltage by +*-15% typical  relative control precision of the output voltage with rapid (fluctuation of the input voltage by +*-15% typical  relative control precision of the output voltage at load step of resistive load 50/100/50% typical  a load step 10 to 50% typical  a load step 10 to 50% typical  a load step 10 to 50% typical  a load step 10 to 90% typical  b load step 10 to 90% typical  a load step 10 to 90% typical  b load step 10 to 90% typical  a load step 10 to 90% typical  a load step 10 to 90% typical  a load step 10 to 90% typical  b load step 10 to 90% typical  a load step 10 to 90% typical  b load step 10 to 90% typical  a load step 10 to 90% typical  b load step 10 to 90% typical  close step 10 to 90% t		33 A	
duration of overloading capability for excess current  • on short-circulting during the start-up • at short-circult during operation bridging of equipment  **To short-circulting during the start-up • at retact output voltage peration  **No  **Sifficiency  **Ifficiency  **Ifficiency  **Ifficiency in percent  **power loss [M] • at retact output voltage for rated value of the output  **urrent typical  **Closed-Boop control  **To short output voltage with rapid  **Inductation of the input voltage by ++ 15% typical  **Inductation of			
on short-circuiting during the start-up     at short-circuit during operation     bridging of equipment     No  bridging of equipment     Short officiancy  efficiency in percent     power loss [W]     at rated output voltage for rated value of the output     current typical  clossed-toop control  relative control precision of the output voltage with rapid fluctuation of the input voltage by 1-1.79's typical relative control precision of the output voltage to start paid fluctuation of the input voltage by 1-1.79's typical relative control precision of the output voltage to add step of resistive load 50100:050's typical     in add step 50 to 100% typical     in add step 50 to 100% typical     in add step 50 to 100% typical     in add step 10 to 50% typical     in add step 10 to 50% typical     in add step 10 to 90% typical     in add step 10 to 90% typical     in add step 10 to 90% typical     in an in additional typical     in add step 10 to 90% typical     in add step 10 to 90% typical     in an in additional typical     in additional typical     in additional typical     in additional typical     in an in additional typical			
bridging of equipment  virtuelinary  virtuelinary  elicitation (percent)  elicitation (percent)  elicitation (percent)  elicitation of the output voltage for rated value of the output current typical  closed-floop control  relative control precision of the output voltage with rapid fluctuation of the input voltage by Y-1 15% typical  relative control precision of the output voltage bad step of resistive load 501/100/90 typical  elicitation of the input voltage by y-1 15% typical  flexitive control precision of the output voltage load step of resistive load 501/100/90 typical  elicitation of the output voltage at load step of resistive load 1090/10 % typical  flexitive control precision of the output voltage at load step of resistive load 1090/10 % typical  elicitation of the output voltage at load step of the self-virtuelinary of the output voltage at load step of the self-virtuelinary of the output short-circuit profection and monitoring  design of the overvoltage protection  yopearly of the output short-circuit profection  yopearly of the output short-circuit profection  elicitation of the output short-circuit profection  yopearly of the output short-circuit profection  elicitation of the output short-circuit profection  yopearly of the output short-circuit profection  enduring short circuit current RMS value  enaminum  7.5 A  safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178  operating resource profection class IP  lie20  EMC  Endo  enduring short circuit current profection class IP  lie20  EMC  standard  of or emitted interference  of or mains harmonics limitation  of or interference immunity  EN 61000-8-2  standard  vice marking  Yes  ves: cultue-Listed (UL 508, CSA C22.2 No 107.1), File E197259  Yes: cultue-Listed (UL 508, CSA C22.2 No 107.1), File E197259  Yes: cultue-Listed (UL 508, CSA C22.2 No 107.1), File E197259  yes of certification of		140 ms	
efficiency in percent	at short-circuit during operation	135 ms	
efficiency in percent power loss [W] at rated output voltage for rated value of the output current typical  closed-loop control  relative control precision of the output voltage with rapid fluctuation of the input voltage by +- 15% typical  relative control precision of the output voltage lead step of resistive load 50100/50% typical  eload step 50 to 100% typical  load step 50 to 100% typical  relative control precision of the output voltage at load step of resistive load 10/90/10% typical  load step 50 to 100% typical  relative control precision of the output voltage at load step of resistive load 10/90/10% typical  load step 10 to 90% typical  load step 10 to 90% typical  load step 90 to 10% typical  load step 10 to 90% typical	bridging of equipment	No	
power loss [W]  at rated vulput voltage for rated value of the output current typical  closed-loop control  relative control precision of the output voltage with rapid fluctuation of the input voltage by + 15% typical  relative control precision of the output voltage load step of resistive load 50170050 % typical  e load step 50 to 100% typical  load step 100 to 50% typical  load step 90 to 10% typical  load step 101 to 90% typical  load step 90 to 10% typical  load step 10 to 90% typical  load step 90 to 90% typical  load step 90 to 10% typical  load step 90 to 90% typical  load step 9	efficiency		
at rated output voltage for rated value of the output current typical control precision of the output voltage with rapid relative control precision of the output voltage with rapid function of the input voltage to y + 15% typical relative control precision of the output voltage load step of resistive load 501/0050 % typical setting time    load step 50 to 100% typical   1 ms	efficiency in percent	90 %	
current typical    closed-loop control	power loss [W]		
relative control precision of the output voltage with rapid fluctuation of the input voltage by 1-1. 15% typical prelative control precision of the unput voltage load step of resistive load 50/100/50 % typical precision of the output voltage load step of resistive load 50/100/50 % typical plant in the setting time load step 50 to 100% typical precision of the output voltage at load step of 1 ms load step 100 to 50% typical precision of the output voltage at load step of resistive load 10/90/10 % typical precision of the output voltage at load step of resistive load 10/90/10 % typical processor of the output voltage at load step of resistive load 10/90/10 % typical processor of the output voltage at load step of 1 ms protection processor of the output voltage protection processor of the output short-circuit professor of the output short-circuit professor of the output short-circuit profection processor of the output short-circuit professor output short-circuit		13 W	
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resistive load \$0/100/50 % typical  setting time		3 %	
In ms load step 100 to 50% typical load step 100 to 50% typical load step 100 to 50% typical relative control precision of the output voltage at load step of resistive load 1090/10 % typical setting time load step 10 to 90% typical load step 90 to 10% ty		5 %	
In missistive load 10 to 50% typical relative control precision of the output voltage at load step of resistive load 10 90/10 % typical setting time load step 10 to 90% typical load step 90 to 10% typical maximum load maximum load maximum load maximum load maximum load maximum load monitoring load sign of the output short-circuit proof load sign of short-circuit protection loa	setting time		
relative control precision of the output voltage at load step of resistive load 10/90/10 % typical setting time  • load step 10 to 90% typical 1 ms • load step 90 to 10% typical 3 ms • maximum 30 ms  protection and monitoring  design of the overvoltage protection Yes, according to EN 60950-1  property of the output short-circuit proof Yes  design of short-circuit protection Electronic shutdown, automatic restart • typical 11 A  enduring short circuit current RMS value • maximum 7.5 A  safety  galvanic isolation between input and output Yes  galvanic isolation between in	<ul><li>load step 50 to 100% typical</li></ul>	1 ms	
resistive load 10/90/10 % typical  setting time  load step 10 to 90% typical nawimum  protection and monitoring  design of the overvoltage protection property of the output short-circuit proof elsign of short-circuit protection lyspical typical typical typical typical typical solation between input and output galvanic isolation between input and output galvanic isolation between input and output sperature of or meitted interference for mains harmonics limitation for or mitted interference for mains harmonics limitation for interference immunity  standards, specifications, approvals  certificate of suitability  CSA approval EAC approval EAC approval No UL approval SA SA SA C22.2 No. 107.1), File E197259 Fes CULsus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259 Fes Coertification	● load step 100 to 50% typical	1 ms	
load step 10 to 90% typical load step 90 to 10% typical maximum load step 90 to 10% typical maximum load maximum load maximum load maximum load monitoring load sign of the overvoltage protection load property of the output short-circuit proof loading of short-circuit protection loading short circuit protection loading short circuit protection loading short circuit current RMS value loading short circuit protection loading short circuit current RMS value loading short circuit protection loading short circuit current RMS value loading short circuit protection loadi		1 %	
● load step 90 to 10% typical ● maximum 30 ms  protection and monitoring  design of the overvoltage protection Property of the output short-circuit proof Pyes  design of short-circuit protection ● typical ● typical ● maximum  7.5 A  safety  galvanic isolation between input and output galvanic isolation Protection class IP  EMC  standard ● for emitted interference ● for mitted interference ● for interference immunity  for interference immunity  standards, specifications, approvals  certificate of suitability ● CE marking ● CE marking ● CE marking ● CE Ac approval ● NEC Class 2  type of certification  1 ms 30 ms  1 ms 4 escording to EN 60950-1  1 pectoring shutdown, automatic restart  1	setting time		
maximum     design of the overvoltage protection     property of the output short-circuit proof     design of short-circuit protection         • typical     enduring short circuit current RMS value         • maximum         • maximum	•	1 ms	
design of the overvoltage protection  yes, according to EN 60950-1  property of the output short-circuit proof  design of short-circuit protection  • typical  enduring short circuit current RMS value  • maximum  7.5 A  safety  galvanic isolation between input and output  yes  galvanic isolation  sprotection class iP  EMC  standard  • for emitted interference  • for mains harmonics limitation  • for interference immunity  EN 61000-3-2  • for interference immunity  • CE marking  • CE marking  • CE marking  • CSA approval  • NEC Class 2  type of certification  Nesser a coccurrence in the first energing in the first energy in the firs	•		
design of the overvoltage protection  property of the output short-circuit proof  design of short-circuit protection  • typical  enduring short circuit current RMS value  • maximum  7.5 A  safety  galvanic isolation between input and output  yes  galvanic isolation  operating resource protection class  protection class IP  EMC  standard  • for emitted interference  • for mains harmonics limitation  • for interference immunity  standards, specifications, approvals  certificate of suitability  • CE marking  • UL approval  • CSA approval  • EAC approval  • REC Class 2  type of certification		30 ms	
property of the output short-circuit proof  design of short-circuit protection  • typical  • typical  • maximum  7.5 A  safety  galvanic isolation between input and output  yes  galvanic resource protection class  protection class IP  EMC  Standard  • for emitted interference  • for mains harmonics limitation  • for interference immunity  standards, specifications, approvals  certificate of suitability  • CE marking  • CSA approval  • CSA approval  • EAC approval  • EAC approval  • NEC Class 2  type of certification			
design of short-circuit protection  • typical  enduring short circuit current RMS value  • maximum  7.5 A  safety  galvanic isolation between input and output  Yes galvanic isolation between input and output  Yes galvanic isolation  operating resource protection class  protection class IP  EMC  standard  • for emitted interference  • for mains harmonics limitation  • for emitted ence immunity  EN 61000-6-2  standards, specifications, approvals  certificate of suitability  • CE marking  • UL approval  • CSA approval  • CSA approval  • EAC approval  • NEC Class 2  type of certification			
typical enduring short circuit current RMS value maximum 7.5 A  safety  galvanic isolation between input and output Yes galvanic isolation between input and output Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178 operating resource protection class protection class IP IP20  EMC  standard for emitted interference FN 55022 Class A for mains harmonics limitation FN 61000-3-2 for interference immunity FN 61000-6-2  standards, specifications, approvals  certificate of suitability CE marking UL approval UL approval SCSA approval EAC approval FSA approval FSA capproval			
enduring short circuit current RMS value  • maximum  7.5 A  safety  galvanic isolation between input and output  yes galvanic isolation operating resource protection class Class I protection class IP  EMC  standard  • for emitted interference • for mains harmonics limitation • for interference immunity • for interference immunity • CE marking • UL approval • CSA approval • CSA approval • EAC approval • EAC approval • NEC Class 2  type of certification			
maximum  7.5 A  safety  galvanic isolation between input and output  galvanic isolation  operating resource protection class  protection class IP  EMC  standard  • for emitted interference • for mains harmonics limitation • for interference immunity  • for interference immunity  certificate of suitability  • CE marking • UL approval • CSA approval • EAC approval • EAC approval • NEC Class 2  type of certification  7.5 A  Yes  Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178  Class I  P20  EMC  EN 55022 Class A  EN 55022 Class A  EN 61000-3-2  EN 61000-3-2  EN 61000-6-2  Standards, specifications, approvals  Yes  • UL approval • CE approval • CSA approval • EAC approval • NEC Class 2  No  type of certification	·	ITA	
galvanic isolation between input and output  galvanic isolation  Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178  operating resource protection class  protection class IP  IP20  EMC  standard  • for emitted interference • for mains harmonics limitation • for interference immunity • for interference immunity  standards, specifications, approvals  certificate of suitability • CE marking • UL approval • CSA approval • EAC approval • EAC approval • NEC Class 2  type of certification	-	7.5 A	
galvanic isolation between input and output  galvanic isolation  Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178  Operating resource protection class  protection class IP  IP20  EMC  standard  • for emitted interference • EN 55022 Class A • for mains harmonics limitation • for interference immunity • EN 61000-3-2  standards, specifications, approvals  certificate of suitability • CE marking • UL approval • CSA approval • CSA approval • EAC approval • EAC approval • NEC Class 2  type of certification		1.07	
galvanic isolation  operating resource protection class  protection class IP  IP20  EMC  standard  • for emitted interference • for mains harmonics limitation • for interference immunity  standards, specifications, approvals  certificate of suitability  • CE marking • UL approval • CSA approval • EAC approval • EAC approval • NEC Class 2  type of certification  Safety extra-low output voltage Uout acc. to EN 60950-1 and EN 50178  Class I  IP20  EN 61000-6-2  EN 55022 Class A  EN 61000-3-2  EN 61000-6-2  EN 61000-6-		Yes	
operating resource protection class IP IP20  EMC  standard  • for emitted interference • for mains harmonics limitation • for interference immunity  standards, specifications, approvals  certificate of suitability • CE marking • UL approval • CSA approval • CSA approval • EAC approval • NEC Class 2 type of certification  Ves; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259  Yes  No			
protection class IP  EMC  standard  • for emitted interference • for mains harmonics limitation • for interference immunity • Final formation interference immunity  EN 61000-3-2 • for interference immunity  EN 61000-6-2  standards, specifications, approvals  certificate of suitability • CE marking • UL approval • CSA approval • CSA approval • EAC approval • EAC approval • NEC Class 2  type of certification			
standard  • for emitted interference • for mains harmonics limitation • for interference immunity  EN 61000-3-2 • for interference immunity  EN 61000-6-2  Standards, specifications, approvals  certificate of suitability  • CE marking • UL approval • CSA approval • CSA approval • EAC approval • NEC Class 2  type of certification	_ · · · · · · · ·		
standard  • for emitted interference  • for mains harmonics limitation  • for interference immunity  EN 61000-3-2  • for interference immunity  EN 61000-6-2  standards, specifications, approvals  certificate of suitability  • CE marking  • UL approval  • UL approval  • CSA approval  • CSA approval  • EAC approval  • EAC approval  • NEC Class 2  type of certification	<u> </u>		
<ul> <li>for emitted interference</li> <li>for mains harmonics limitation</li> <li>EN 61000-3-2</li> <li>for interference immunity</li> <li>EN 61000-6-2</li> <li>standards, specifications, approvals</li> <li>certificate of suitability</li> <li>CE marking</li> <li>UL approval</li> <li>CSA approval</li> <li>CSA approval</li> <li>FAC approval</li> <li>NEC Class 2</li> <li>type of certification</li> </ul> EN 55022 Class A EN 61000-3-2 EN 61000-6-2 Standards, specifications Yes UL substituted (UL 508, CSA C22.2 No. 107.1), File E197259 Yes No No Type of certification			
<ul> <li>for mains harmonics limitation</li> <li>for interference immunity</li> <li>EN 61000-3-2</li> <li>standards, specifications, approvals</li> <li>certificate of suitability</li> <li>CE marking</li> <li>UL approval</li> <li>CSA approval</li> <li>CSA approval</li> <li>FAC approval</li> <li>NEC Class 2</li> <li>type of certification</li> </ul> EN 61000-3-2  EN 61000-6-2  Standards, specification <li>EN 61000-3-2  EN 61000-6-2  Standards, specification</li> <li>EN 61000-3-2  EN 61000-6-2  Standards, specification</li> <li>Yes  Yes  NO</li> <li>NO</li>		EN 55022 Class A	
standards, specifications, approvals  certificate of suitability	• for mains harmonics limitation	EN 61000-3-2	
certificate of suitability  • CE marking  • UL approval  • CSA approval  • CSA approval  • EAC approval  • NEC Class 2  type of certification  Yes  Yes  Yes  Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259  Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259  Yes  No	• for interference immunity	EN 61000-6-2	
certificate of suitability  • CE marking  • UL approval  • CSA approval  • CSA approval  • EAC approval  • NEC Class 2  type of certification  Yes  Yes  Yes  Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259  Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259  Yes  No	standards, specifications, approvals		
<ul> <li>UL approval</li> <li>CSA approval</li> <li>EAC approval</li> <li>NEC Class 2</li> <li>Ves; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259</li> <li>Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259</li> <li>Yes</li> <li>No</li> </ul>			
<ul> <li>CSA approval</li> <li>EAC approval</li> <li>NEC Class 2</li> <li>type of certification</li> </ul> Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259 Yes No	CE marking	Yes	
EAC approval     NEC Class 2  type of certification  Yes  No	UL approval	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259	
NEC Class 2  type of certification  No	CSA approval	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259	
type of certification	EAC approval	Yes	
	NEC Class 2	No	
CB-certificate  No	type of certification		
	CB-certificate	No	

MTBF at 40 °C standards, specifications, approvals hazardous environments certificate of suitability  • IECEx  • ATEX  • ULhazloc approval  • cCSAus, Class 1, Division 2  • FM registration standards, specifications, approvals marine classification shipbuilding approval  Marine classification association	2 389 441 h  No No No No No No No No	
certificate of suitability  • IECEx  • ATEX  • ULhazloc approval  • cCSAus, Class 1, Division 2  • FM registration  standards, specifications, approvals marine classification shipbuilding approval	No No No	
IECEx     ATEX     ULhazloc approval     cCSAus, Class 1, Division 2     FM registration  standards, specifications, approvals marine classification shipbuilding approval	No No No	
ATEX  ULhazloc approval  cCSAus, Class 1, Division 2  FM registration  standards, specifications, approvals marine classification shipbuilding approval	No No No	
ULhazloc approval     cCSAus, Class 1, Division 2     FM registration     standards, specifications, approvals marine classification     shipbuilding approval	No No No	
cCSAus, Class 1, Division 2     FM registration  standards, specifications, approvals marine classification shipbuilding approval	No No	
FM registration     standards, specifications, approvals marine classification     shipbuilding approval	No No	
standards, specifications, approvals marine classification shipbuilding approval	No	
shipbuilding approval		
	No	
American Bureau of Shipping Europe Ltd. (ABS)		
French marine classification society (BV)	No	
Det Norske Veritas (DNV)	No	
Lloyds Register of Shipping (LRS)	No	
ambient conditions		
ambient temperature		
during operation	0 60; with natural convection	
during transport	-40 +85	
during storage	-40 +85	
environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation	
connection method		
type of electrical connection	screw terminal	
• at input	L1, L2, L3, PE: Removable screw terminal for 0.5 2.5 mm² single-core/finely stranded	
• at output	+, -: 2 screw terminals each for 0.5 2.5 mm <sup>2</sup>	
for auxiliary contacts	13, 14 (alarm signal): 1 screw terminal each for 0.5 2.5 mm <sup>2</sup>	
removable terminal at input	Yes	
removable terminal at output	Yes	
mechanical data		
width × height × depth of the enclosure	42 × 125 × 125 mm	
installation width × mounting height	42 mm × 225 mm	
required spacing	50	
• top	50 mm	
• bottom	50 mm	
• left	0 mm	
• right	0 mm	
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15 Yes	
<ul> <li>standard rail mounting</li> <li>S7 rail mounting</li> </ul>	No No	
vall mounting	No	
housing can be lined up	Yes	
net weight	0.6 kg	
further information internet links		
internet link		
to website: Industry Mall	https://mall.industry.siemens.com	
to website: industry Main     to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud	
• to web page: selection and the detection roof	https://siemens.com/sitop	
to web page. power supplies     to website: CAx-Download-Manager	https://siemens.com/cax	
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 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** 

СВ

Manufacturer Declaration





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