## SIEMENS

## Data sheet

## 6EP3434-7SB00-3AX0



## SITOP PSU6200/3AC/24VDC/10A

SITOP PSU6200 24 V/10 A stabilized power supply input: 400 - 500 V AC output: 24 V / 10 A DC with diagnostics interface

Type of the power supply network         3-phase AC or DC           supply voltage at AC         400 V           • minimum rated value         400 V           • initial value         323 V           • initial value         323 V           • full-scale value         576 V           input voltage         450 600 V           • at DC         450 600 V           operating condition of the mains buffering         at Vin = 400 V           buffering time for rated value of the output current in the event of power failure minimum         30 ms           operating condition of the mains buffering         at Vin = 400 V           Ine frequency         50 Hz           • 1 rated value         50 Hz           • 2 rated value         60 Hz           Input current         60 Hz           • at rated input voltage 400 V         0.39 A           • at rated input voltage 400 V         0.39 A           • at rated input voltage 500 V         0.32 A           current limitation of inrush current at 25 °C maximum         11 A           fuse protection type         there-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or ol circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)           Output voltage         24 V         0.00101 voltage	Input	
• minimum rated value     400 V       • maximum rated value     500 V       • initial value     323 V       • full-scale value     576 V       input voltage     450 600 V       • at DC     450 600 V       operating condition of the mains buffering     at Vin = 400 V       buffering time for rated value of the output current in the event of power failure minimum     30 ms       operating condition of the mains buffering     at Vin = 400 V       Infort requency     50 Hz       • 1 rated value     50 Hz       • 2 rated value     60 Hz       input current     60 Hz       • at rated input voltage 400 V     0.39 A       • at rated input voltage 400 V     0.39 A       • at rated input voltage 400 V     0.39 A       • at rated input voltage 400 V     0.39 A       • at rated input voltage 500 V     0.32 A       current limitation of inrush current at 25 "C maximum     13 A       fuse protection type     therae-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or oricuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)       Output     voltage curve at output     controlled, isolated DC voltage       • at output 1 at DC rated value     24 V       relative control precision of the voltage     3%       • at output 1 at DC rated value	type of the power supply network	3-phase AC or DC
maximum rated value     initial value     input voltage     i at DC     450 600 V     450 600 V     aperating condition of the mains buffering     at Vin = 400 V     buffering time for rated value of the output current in the     event of power failure minimum     operating condition of the mains buffering     at Vin = 400 V     inin frequency     i 1 rated value     of Hz     ine frequency         i 1 rated value         for Hz         ine frequency         i 1 rated value         for Hz         ine frequency         i 1 rated input voltage 400 V         0.39 A         o.32 A         current         i at rated input voltage 400 V         0.39 A         o.32 A         current initiation of inrush current at 25 °C maximum     fuse protection type         in the feeder         voltage curve at output         voltage curve at output         voltage at output         rubust         voltage at output         voltage         at output 1 at DC rated value         voltage         voltage         voltage         voltage at output voltage         voltage         voltage         voltage         voltage at output voltage         voltage         voltage         voltage at output 1 at DC rated value         voltage         voltage         voltage curve at loterance of the output voltage         voltage         voltage curve at loterance of the output voltage         voltage         voltage curve at loterance of the output voltage         voltage         voltage curve at loterance of the output voltage         voltage         voltage curve at loterance of the output voltage         voltage         voltage curve at notput voltage         v	supply voltage at AC	
initial value     initial value     initial value     initial value     initial value     initial value     input voltage     it DC     input voltage     it DC     input voltage     it at ed input voltage     it rated value     input voltage     in the feeder     voltage curve at output     voltage     in the feeder     voltage     in the feeder     in the feeder	<ul> <li>minimum rated value</li> </ul>	400 V
• full-scale value         576 V           input voltage         450 600 V           operating condition of the mains buffering         at Vin = 400 V           buffering time for rated value of the output current in the event of power failure minimum         30 ms           operating condition of the mains buffering         at Vin = 400 V           buffering time for rated value of the output current in the event of power failure minimum         30 ms           operating condition of the mains buffering         at Vin = 400 V           line frequency         at Vin = 400 V           • 1 rated value         50 Hz           • 2 rated value         60 Hz           line frequency         47 63 Hz           input current         0.39 A           • at rated input voltage 500 V         0.32 A           current limitation of inrush current at 25 °C maximum         13 A           fuse protection type         three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)           Output voltage at DC rated value         24 V           output voltage at DC rated value         24 V           • at output 1 at DC rated value         24 V           output voltage at DC rated value         24 V           • on slow fluctuation of input voltage	<ul> <li>maximum rated value</li> </ul>	500 V
input voltage     450600 V       operating condition of the mains buffering     at Vin = 400 V       buffering time for rated value of the output current in the event of power failure minimum     30 ms       operating condition of the mains buffering     at Vin = 400 V       ine frequency     at Vin = 400 V       • 1 rated value     50 Hz       • 2 rated value     60 Hz       • 1 rated value     60 Hz       • 2 rated value     60 Hz       • at rated input voltage 400 V     0.39 A       • at rated input voltage 500 V     0.32 A       current limitation of inrush current at 25 °C maximum     13 A       fuse protection type     three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)       Output     voltage at DC rated value       voltage at DC rated value     24 V       output voltage at DC rated value     24 V       relative cortol precision of the outgage     3 %       relative cortol precision of the outgage     3 %       relative overall tolerance of the voltage     3 %       relative overall tolerance of the voltage     3 %       relative output profe     0.1 %       output voltage     0.2 %       output voltage     0.2 %       output voltage at DC rated value     0.2 %   <	initial value	323 V
• at DC       450 600 V         operating condition of the mains buffering       at Vin = 400 V         buffering time for rated value of the output current in the event of power failure minimum       30 ms         operating condition of the mains buffering       at Vin = 400 V         line frequency       50 Hz         • 1 rated value       60 Hz         line frequency       47 63 Hz         input current       0.39 A         • at rated input voltage 500 V       0.32 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       voltage curve at output       Controlled, isolated DC voltage         number of outputs       1       output voltage 10 C rated value         • at output 1 at DC rated value       24 V       voltage         • at output 1 at DC rated value       3 %       s         relative control precision of the output voltage       0.2 %       0.2 %         • on slow fluctuation of input voltage       0.2 %       0.2 %         • on slow fluctuation of onth bading       0.1 %       0 maximum         • pipple       0 at W       0 mix	full-scale value	576 V
operating condition of the mains buffering       at Vin = 400 V         buffering time for rated value of the output current in the event of power failure minimum       30 ms         operating condition of the mains buffering       at Vin = 400 V         line frequency       • 1 rated value         • 1 rated value       60 Hz         line frequency       47 63 Hz         input current       • at rated input voltage 400 V         • at rated input voltage 500 V       0.39 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       • in the feeder         • in the feeder       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       voltage curve at output       Controlled, isolated DC voltage         number of outputs       1       output voltage         output voltage       24 V       3 %         relative control precision of the output voltage       3 %         • on slow fluctuation of input voltage       0.2 %         • on slow fluctuation of input voltage       0.2 %         • on slow fluctuation of ohm loading       0.1 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of in	input voltage	
buffering time for rated value of the output current in the event of power failure minimum     30 ms       operating condition of the mains buffering     at Vin = 400 V       line frequency     50 Hz       • 1 rated value     60 Hz       line frequency     47 63 Hz       input current     - 63 Hz       • at rated input voltage 400 V     0.39 A       • at rated input voltage 500 V     0.32 A       current limitation of inrush current at 25 °C maximum     13 A       fuse protection type     three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)       Output     voltage curve at output       voltage turve at output     Controlled, isolated DC voltage       number of outputs     1       output voltage at DC rated value     24 V       relative control precision of the voltage     3 %       relative control precision of the voltage     3 %       on slow fluctuation of onm loading     0.1 %       residual ripple     30 mV       • typical     20 mV	• at DC	450 600 V
event of power failure minimum         operating condition of the mains buffering         at Vin = 400 V         line frequency         • 1 rated value         • 2 rated value         60 Hz         line frequency         • at rated input voltage 400 V         • at rated input voltage 500 V         • ourrent limitation of inrush current at 25 °C maximum         fuse protection type         • in the feeder         three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output         voltage curve at output       Controlled, isolated DC voltage         number of outputs       1         output voltage at DC rated value       24 V         • at output 1 at DC rated value       24 V         • at output 1 at DC rated value       3 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of ohm loading       0.1 %         • on slow fluctuation of ohm loading       0.1 %         • on slow fluctuation of ohm loading       0.1 %         • typical	operating condition of the mains buffering	at Vin = 400 V
line frequency       50 Hz         • 1 rated value       50 Hz         • 2 rated value       60 Hz         line frequency       47 63 Hz         input current       -         • at rated input voltage 400 V       0.39 A         • at rated input voltage 500 V       0.32 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       -         • in the feeder       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       -         voltage curve at output       Controlled, isolated DC voltage         number of outputs       1         output voltage       24 V         • at output 1 at DC rated value       24 V         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of input voltage       0.1 %         residual ripple       30 mV         • typical       20 mV		30 ms
• 1 rated value       50 Hz         • 2 rated value       60 Hz         line frequency       47 63 Hz         input current       63 Hz         • at rated input voltage 400 V       0.39 A         • at rated input voltage 500 V       0.32 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       voltage curve at output       Controlled, isolated DC voltage         number of outputs       1       output voltage at DC rated value         • at output 1 at DC rated value       24 V       output voltage         • at output 1 at DC rated value       3 %       relative control precision of the output voltage         • on slow fluctuation of input voltage       0.2 %       0.1 %         • on slow fluctuation of ohm loading       0.1 %       1 %         residual ripple       30 mV       20 mV	operating condition of the mains buffering	at Vin = 400 V
• 2 rated value       60 Hz         line frequency       47 63 Hz         input current       • at rated input voltage 400 V         • at rated input voltage 500 V       0.39 A         • at rated input voltage 500 V       0.32 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       voltage curve at output         voltage curve at output       1         output voltage at DC rated value       24 V         output voltage       3 %         relative control precision of the output voltage       3 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of input voltage       0.1 %         residual ripple       30 mV         • typical       20 mV	line frequency	
line frequency       47 63 Hz         input current       0.39 A         • at rated input voltage 400 V       0.39 A         • at rated input voltage 500 V       0.32 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       Voltage curve at output       Controlled, isolated DC voltage         number of outputs       1       24 V         output voltage at DC rated value       24 V         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of ohm loading       0.1 %         residual ripple       30 mV         • typical       20 mV	<ul> <li>1 rated value</li> </ul>	50 Hz
input current       0.39 A         • at rated input voltage 500 V       0.32 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       •         • in the feeder       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       Voltage curve at output         voltage curve at output       Controlled, isolated DC voltage         number of outputs       1         output voltage at DC rated value       24 V         output voltage       3 %         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         on slow fluctuation of ohm loading       0.1 %         residual ripple       30 mV         • typical       20 mV	2 rated value	60 Hz
• at rated input voltage 400 V       0.39 A         • at rated input voltage 500 V       0.32 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       • in the feeder         • in the feeder       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       voltage curve at output         voltage curve at output       Controlled, isolated DC voltage         number of outputs       1         output voltage 4 DC rated value       24 V         output voltage       3 %         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of ohm loading       0.1 %         residual ripple       30 mV         • typical       20 mV	line frequency	47 63 Hz
• at rated input voltage 500 V       0.32 A         current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       • in the feeder         • in the feeder       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output	input current	
current limitation of inrush current at 25 °C maximum       13 A         fuse protection type       in the feeder         • in the feeder       three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output       Voltage curve at output         number of outputs       1         output voltage at DC rated value       24 V         output 1 at DC rated value       24 V         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         o n slow fluctuation of input voltage       0.1 %         residual ripple       30 mV         eximum       30 mV         e typical       20 mV	<ul> <li>at rated input voltage 400 V</li> </ul>	0.39 A
fuse protection type <ul> <li>in the feeder</li> <li>three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)</li> </ul> Output         voltage curve at output       Controlled, isolated DC voltage         number of outputs       1         output voltage at DC rated value       24 V         output voltage       3 %         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         on slow fluctuation of ohm loading       0.1 %         residual ripple       30 mV         eximum       30 mV         e typical       20 mV	<ul> <li>at rated input voltage 500 V</li> </ul>	0.32 A
in the feeder     in the feeder     in the feeder     three-poled coupled circuit breaker from 4 A characteristic C to 16 A characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)     Output     voltage curve at output     rumber of outputs     1     output voltage at DC rated value     24 V     output voltage     • at output 1 at DC rated value     24 V     relative overall tolerance of the voltage     • on slow fluctuation of input voltage     • on slow fluctuation of ohm loading     0.1 %     residual ripple     • maximum     • typical     20 mV	current limitation of inrush current at 25 °C maximum	13 A
characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or 3RV2711-1ED10 (UL 489)         Output         voltage curve at output       Controlled, isolated DC voltage         number of outputs       1         output voltage at DC rated value       24 V         output voltage       3 %         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of ohm loading       0.1 %         residual ripple       30 mV         • typical       20 mV	fuse protection type	
voltage curve at output       Controlled, isolated DC voltage         number of outputs       1         output voltage at DC rated value       24 V         output voltage       24 V         e at output 1 at DC rated value       24 V         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         on slow fluctuation of ohm loading       0.1 %         residual ripple       30 mV         otypical       20 mV	• in the feeder	characteristic C or circuit breaker 3RV2011-1EA10 (setting 4 A) or
number of outputs1output voltage at DC rated value24 Voutput voltage24 V• at output 1 at DC rated value24 Vrelative overall tolerance of the voltage3 %relative control precision of the output voltage0.2 %• on slow fluctuation of ohm loading0.1 %residual ripple30 mV• typical20 mV	Output	
output voltage at DC rated value24 Voutput voltage24 V• at output 1 at DC rated value24 Vrelative overall tolerance of the voltage3 %relative control precision of the output voltage0.2 %• on slow fluctuation of input voltage0.1 %residual ripple30 mV• maximum30 mV• typical20 mV	voltage curve at output	Controlled, isolated DC voltage
output voltage       24 V         • at output 1 at DC rated value       24 V         relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of input voltage       0.1 %         residual ripple       30 mV         • typical       20 mV	number of outputs	1
• at output 1 at DC rated value24 Vrelative overall tolerance of the voltage3 %relative control precision of the output voltage0.2 %• on slow fluctuation of input voltage0.1 %residual ripple30 mV• maximum30 mV• typical20 mV	output voltage at DC rated value	24 V
relative overall tolerance of the voltage       3 %         relative control precision of the output voltage       0.2 %         • on slow fluctuation of input voltage       0.1 %         residual ripple       30 mV         • typical       20 mV	output voltage	
relative control precision of the output voltage       0.2 %         • on slow fluctuation of input voltage       0.1 %         residual ripple       30 mV         • typical       20 mV	at output 1 at DC rated value	24 V
• on slow fluctuation of input voltage       0.2 %         • on slow fluctuation of ohm loading       0.1 %         residual ripple       30 mV         • typical       20 mV	relative overall tolerance of the voltage	3 %
• on slow fluctuation of ohm loading0.1 %residual ripple30 mV• typical20 mV	relative control precision of the output voltage	
residual ripple     30 mV       • typical     20 mV	<ul> <li>on slow fluctuation of input voltage</li> </ul>	0.2 %
maximum 30 mV     typical 20 mV	<ul> <li>on slow fluctuation of ohm loading</li> </ul>	0.1 %
• typical 20 mV	residual ripple	
	• maximum	30 mV
voltage peak	typical	20 mV
	voltage peak	
• maximum 30 mV	• maximum	30 mV

• typical	20 mV
adjustable output voltage	24 28 V
product function output voltage adjustable	Yes
type of output voltage setting	via potentiometer; max. 240 W (288 W up to 45°C)
display version for normal operation	Green LED for 24 V OK
type of signal at output	Electronic contact (NO contact, contact rating 30 V DC/0.1 A) for DC
	O.K. or diagnostic interface
behavior of the output voltage when switching on	Overshoot of Vout < 2 %
response delay maximum	0.5 s
voltage increase time of the output voltage	
• typical	100 ms
output current	
<ul> <li>rated value</li> </ul>	10 A
rated range	0 10 A; 12 A up to +45°C; +60 +70 °C: Derating 3%/K
supplied active power typical	240 W
short-term overload current	
<ul> <li>on short-circuiting during the start-up typical</li> </ul>	12 A
<ul> <li>at short-circuit during operation typical</li> </ul>	12 A
product feature	
<ul> <li>bridging of equipment</li> </ul>	Yes; switchable characteristic
number of parallel-switched equipment resources for	2
increasing the power	
Efficiency	
efficiency in percent	95.4 %
power loss [W]	
<ul> <li>at rated output voltage for rated value of the output current typical</li> </ul>	12 W
<ul> <li>during no-load operation maximum</li> </ul>	2.9 W
Closed-loop control	
relative control precision of the output voltage at load step of resistive load 10/90/10 % typical	2 %
setting time	
<ul> <li>load step 10 to 90% typical</li> </ul>	1 ms
<ul> <li>load step 90 to 10% typical</li> </ul>	1 ms
• maximum	2 ms
Protection and monitoring	
design of the overvoltage protection	< 32 V
response value current limitation typical	12 A
property of the output short-circuit proof	Yes
design of short-circuit protection	Shutdown and periodic restart attempts
overcurrent overload capability in normal operation	overload capability 150 % lout rated up to 5 s/min
Safety	
galvanic isolation between input and output	Yes
galvanic isolation	Safety extra low output voltage Vout according to EN 60950-1
operating resource protection class	Class I
leakage current	
• maximum	3.5 mA
protection class IP	IP20
Approvals	
certificate of suitability	
• CE marking	Yes
UL approval	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259; cCSAus (CSA C22.2 No. 60950-1, UL 60950-1)
CSA approval	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259, cCSAus (CSA C22.2 No. 60950-1, UL 60950-1)
<ul> <li>cCSAus, Class 1, Division 2</li> </ul>	No
• ATEX	No
certificate of suitability	
• IECEx	No
NEC Class 2	No
ULhazloc approval	No

standard <ul> <li>for emitted interference</li> <li>EN 55022 Class B</li> <li>EN 61000-3-2</li> <li>EN 61000-3-2</li> <li>EN 61000-6-2</li> </ul> environmental conditions <ul> <li>ambient temperature</li> <li>during operation</li> <li>atring fransport</li> <li>-40 +70 °C; with natural convection a monotonically increasing start-up from -40 °C</li> <li>-40 +85 °C</li> <li>cluring storage</li> <li>-40 +85 °C</li> <li>cluring storage</li> <li>-40 +85 °C</li> <li>cluring transport</li> <li>-40 +85 °C</li> <li>Climate class 3K3, 5 95% no condensation</li> </ul> Mechanics             type of electrical connection <ul> <li>at input</li> <li>th (1, 2, 13, PE: PushIn for 0.5 6 mm<sup>2</sup>)</li> <li>to at output</li> <li>th (+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm<sup>2</sup>)</li> <li>for auxiliary contacts</li> <li>13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm<sup>2</sup></li> <li>width of the enclosure</li> <li>to p</li> <li>top</li> <li>bottom</li> <li>top</li> <li>bottom</li> <li>top</li> <li>bottom</li> <li>top</li> <litastening li="" method<=""> <li>Snaps o</li></litastening></ul>	FM registration	No
• EAC approvalYes• KC approvalNo• C. TickNo• C. TickNo• Regulatory Compliance Mark (RCM)No• Sepulatory Compliance Mark (RCM)in process: DNV GL, ABS• America dissification associationin process: DNV GL, ABS• America Bureau Of Shipping Europe Ltd. (ABS)No• America Bureau Of Shipping Europe Ltd. (ABS)No• No NoNo• DNV GLNo• DNV GLNo• Locyds Register of Shipping (LRS)No• Nippon Kaiji Kyokai (NK)No• No re mitted interferenceEN 55022 Class B• for mains harmonics limitationEN 61000-3-2• for mented interferenceEN 65022 Class B• for mented and interferenceEN 61000-3-2• during operation-30 470 °C; with natural convection a monotonically increasing start- up from -25 °C, safe start-up from -40 °C• during storage-40 485 °C• during storage-40 485 °C• during storage-40 485 °C• environmental category according to IEC 60721Fush-in terminalstype of electrical connectionPush-in terminals• during transport-1, 2, 3. Push-in for 0.5 6 mm²• at output135 rm• at output135 rm• eleft of the enclosure45 rm• height of the enclosure135 rm• deptortin9.9 kg• product feature of the enclosure in storage0.9 kg• product feature of the enclosure in storage9.9 kg <td< td=""><td>type of certification CB-certificate</td><td>Yes</td></td<>	type of certification CB-certificate	Yes
• KC approvalNo• C-TickNo• Regulatory Compliance Mark (RCM)No• Regulatory Compliance Mark (RCM)No• Shipbuilding approvalin process: DNV GL, ABS• Marine classification association•• American Bureau of Shipping Europe Ltd. (ABS)No• American Bureau of Shipping (LRS)No• DNV GLNo• Loyds Register of Shipping (LRS)No• No Register of Shipping (LRS)No• No renitled interferenceEN 55022 Class B• for entitled interferenceEN 61000-3-2• for interference immunityEN 61000-3-2• for interference immunityEN 61000-3-2• during stargort	certificate of suitability	
··CTickNo· Regulatory Compliance Mark (RCM)Noscrifticate of suitability shipbuilding approvalNo· Marine classification associationin process: DNV GL, ABS·· American Bureau of Shipping Europe Ld. (ABS)No· American Bureau of Shipping Europe Ld. (ABS)No· Prench marine classification society (BV)No· DNV GLNo· Bureau of Shipping LRS)No· Bureau of Shipping LRS)No· Iloyisk Register of Shipping LRS)No· Indysk Register of Shipping LRS)No· Indysk Register of Shipping LRS)No· Indire freenceEN 55022 Class B· for emitted interferenceEN 55022 Class B· for emitted interferenceEN 61000-3-2· for interference immunityEN 61000-3-2· for interference immunityEN 61000-3-2· for interference immunity-30 +70 °C; with natural convection a monotonically increasing startur up from -45 °C, safe startup from -40 °C· during transport-40 +48 °C· during storage-40 +48 °C· during storage-40 +48 °C· during storage13, 14 (aiam signal): 1 push-in terminals· at input11, 12, 12, 3. PE: Push in for 0.5 6 mm²· at input13, 14 (aiam signal): 1 push-in terminal each for 0.2 1.5 mm²· at input13, 14 (aiam signal): 1 push-in terminal each for 0.2 1.5 mm²· at input13, 14 (aiam signal): 1 push-in terminal each for 0.2 1.5 mm²· at input13, 14 (aiam signal): 1 push-in terminal each for	EAC approval	Yes
• Regulatory Compliance Mark (RCM)         No           certificate of suitability shipbuilding approval         in process: DNV GL, ABS           Marine classification association         in process: DNV GL, ABS           • American Bureau of Shipping Europe Ltd. (ABS)         No           • French marine classification society (BV)         No           • DNV GL         No           • Loyds Register of Shipping (LRS)         No           • No promited interference         EN 55022 Class B           • for emitted interference         EN 55022 Class B           • for emitted interference         EN 61000-3-2           • for interference immunity         EN 61000-3-2           • during storage         -40,485 °C           • during storage         -40,	<ul> <li>KC approval</li> </ul>	No
certificate of suitability shipbuilding approval         No           shipbuilding approval         in process: DNV GL, ABS           Marine classification association         No                • American Bureau of Shipping Europe Ltd. (ABS)         No                • Enclose         No                • DNV GL         No                • DNV GL         No                • DNV GL         No                • Loyds Register of Shipping (LRS)         No                • No remitted interference         EN 55022 Class B                • for mains harmonics limitation         EN 61000-3-2                • for interference immunity         EN 61000-6-2                • during operation         -30 +70 °C; with natural convection a monotonically increasing start-             up from -25 °C, safe start-up from -40 °C                • during storage         -40 +85 °C                • during storage             tor +85 °C                • environmental category according to IEC 60721                for auxiliary contacts                • at input          11, 12, 13, PE: Pushin for 0.5 6 mm²                 • at output          13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²	• C-Tick	No
shipbuilding approval         in process: DNV GL, ABS           Marine classification association         No                • American Bureau of Shipping Europe Ltd. (ABS)         No                • DNV GL         No                • Loyds Register of Shipping (LRS)         No                • Nippon Kaiji Kyokai (NK)         No                • Standard          • For emitted interference                • for or mitted interference         EN 55022 Class B                • for or mitted interference         EN 61000-3-2                • for interference immunity         EN 61000-6-2                • during operation         -30 +70 °C; with natural convection a monotonically increasing start-up from -40 °C                • during storage             +0 +85 °C                • during storage             +0 +85 °C                • during storage                • for auxiliary condacts                • at input          1, 1, 2, 1, 3, 2 PE's Pushin for 0.5 6 mm <sup>2</sup> • for auxiliary condacts         13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm <sup>2</sup> • for auxiliary condacts         135 mm                • during the enclosure         45 mm	<ul> <li>Regulatory Compliance Mark (RCM)</li> </ul>	No
Marine classification association       American Bureau of Shipping Europe Ltd. (ABS)       No <ul> <li>French marine classification society (BV)</li> <li>No</li> <li>DNV GL</li> <li>Loyds Register of Shipping (LRS)</li> <li>No</li> </ul> No <ul> <li>Loyds Register of Shipping (LRS)</li> <li>No</li> </ul> <ul> <li>Iorgen Kajit Kyokai (NK)</li> <li>No</li> </ul> <ul> <li>French Martine classification society (BV)</li> <li>No</li> </ul> <ul> <li>Instantion</li> <li>EN 55022 Class B</li> <li>for mains harmonics limitation</li> <li>EN 61000-3-2</li> <li>for interference immunity</li> <li>EN 61000-3-2</li> <li>for interference immunity</li> <li>EN 61000-3-2</li> <li>for auxiliary conditions</li> <li>ambient temperature</li> <li>during operation</li> <li>aufort temperature</li> <li>during transport</li> <li>40 +85 °C</li> <li>during storage</li> <li>environmental connection</li> <li>environmental category according to IEC 60721</li> <li>Climate class 3K3, 5 95% no condensation</li> </ul> Motchanics <ul> <li>for auxiliary contacts</li> <li>it input             <ul> <li>toput             <li>toput             <li>toput             <li>toput             <li>toput             <li>toput             <lit (alarm="" signal)<="" td=""><td>certificate of suitability shipbuilding approval</td><td>No</td></lit></li></li></li></li></li></li></ul></li></ul>	certificate of suitability shipbuilding approval	No
American Bureau of Shipping Europe Ltd. (ABS)     French marine classification society (BV)     No     DNV GL     No     NyDon Kalij Kyokai (NK)     No     No	shipbuilding approval	in process: DNV GL, ABS
French marine classification society (BV) No DNV GL     No DNV GL     Loyds Register of Shipping (LRS) No No EMC standard     for emitted interference     for mains harmonics limitation     for interference immunity     EN 55022 Class B     for mains harmonics limitation     for interference immunity     EN 61000-6-2 environmental conditions ambient temperature     for interference immunity     for outperature     for	Marine classification association	
• DNV GLNo• Loyds Register of Shipping (LRS)No• Nippon Kajji Kyokai (NK)NostandardEMC• for emitted interferenceEN 55022 Class B• for mains harmonics limitationEN 61000-3-2• for insten harmonics limitationEN 61000-6-2• during operation	<ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	No
• Lloyds Register of Shipping (LRS)       No         • Nippon Kaiji Kyokai (NK)       No         EMC       Emetain construction of the standard         • for emitted interference       EN 55022 Class B         • for interference immunity       EN 61000-3-2         • for interference immunity       EN 61000-6-2         environmental conditions       Environmental conditions         ambient temperature       -         • during operation       -40 +85 °C         • during storage       -40 +85 °C         • during to storage       -11 .223. Pischin for 0.5 6 mm²         • to paubit       14 (alarm signal): 1 push-in	<ul> <li>French marine classification society (BV)</li> </ul>	No
• Nippon Kalji Kyokai (NK)         No           ENC         standard         For emitted interference         EN 55022 Class B           • for mains harmonics limitation         EN 61000-3-2         En 61000-6-2           environmental conditions         ambient temperature         -           • during operation         -30 +70 °C; with natural convection a monotonically increasing start-up from -25 °C, safe start-up from -40 °C           • during transport         -40 +85 °C           • during storage         -40 +85 °C           environmental category according to IEC 60721         Climate class 3K3, 5 95% no condensation           Mechanics         Vulput           type of electrical connection         Push-in terminals           • at input         L1, L2, L3, PE: Pushin for 0.5 6 mm <sup>2</sup> • at output         +1, +2, -1, -2, -3: Pushin for 0.5 2.5 mm <sup>2</sup> • for auxiliary contacts         13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm <sup>2</sup> • for during the enclosure         45 mm           • leight of the enclosure         155 mm           etotom         45 mm           • leight         0 mm           • leift         0 mm           • leift         0 mm           • leift         0 mm           • leift	• DNV GL	No
EMC         standard         • for emitted interference         • for mains harmonics limitation         • for interference immunity         EN 61000-3-2         • for interference immunity         EN 61000-3-2         environmental conditions         ambient temperature         • during operation         • during transport         • for auxiliary contacts         13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²         height of the enclosure	<ul> <li>Lloyds Register of Shipping (LRS)</li> </ul>	No
standard <ul> <li>for emitted interference</li> <li>EN 55022 Class B</li> <li>EN 61000-3-2</li> <li>EN 61000-3-2</li> <li>EN 61000-6-2</li> </ul> environmental conditions <ul> <li>ambient temperature</li> <li>during operation</li> <li>atring fransport</li> <li>-40 +70 °C; with natural convection a monotonically increasing start-up from -40 °C</li> <li>-40 +85 °C</li> <li>cluring storage</li> <li>-40 +85 °C</li> <li>cluring storage</li> <li>-40 +85 °C</li> <li>cluring contacts</li> </ul> Vipo of electrical connection         Push-in terminals               • at input             L1, L2, L3, PE: PushIn for 0.5 6 mm <sup>2</sup> • at output <li>+1, +2, -1, -2, -3: PushIn for 0.5 25 mm<sup>2</sup></li> <li>for auxiliary contacts</li> <li>13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm<sup>2</sup></li> <li>with of the enclosure</li> <li>145 mm</li> height of the enclosure         45 mm           • top         45 mm <li>eleft</li> <li>0 mm</li> <li>elift</li> <li>0 mm</li> <li>night</li> <li>0 mm</li> <li>9.9</li>	<ul> <li>Nippon Kaiji Kyokai (NK)</li> </ul>	No
• for emitted interferenceEN 55022 Class B• for mains harmonics limitationEN 61000-3-2• for interference immunityEN 61000-6-2environmental conditionsambient temperature• during operation-30 +70 °C; with natural convection a monotonically increasing start- up from -40 °C• during transport-40 +85 °C• during storage-40 +85 °Cenvironmental category according to IEC 60721Climate class 3K3, 5 95% no condensationMechanicstype of electrical connectionPush-in terminals• at inputL1, L2, L3, PE: PushIn for 0.5 6 mm²• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts13 fmheight of the enclosure135 mmheight of the enclosure155 mm• left0 mm• left0 mm• left0 mm• right0 mmnet weight9 kgproduct feature of the enclosure accessoriesSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundarcy modulemechanical accessoriesIdefinition labels SIMATIC ET 200SP 6ES7193-6LF30-0AWO	EMC	
• for mains harmonics limitation       EN 61000-3-2         • for interference immunity       EN 61000-6-2         environmental conditions	standard	
• for interference immunityEN 61000-6-2environmental conditionsambient temperature• during operation-30 +70 °C; with natural convection a monotonically increasing start- up from -25 °C, safe start-up from -40 °C• during transport-40 +85 °C• during storage-40 +85 °C• during storage-40 +85 °Cenvironmental category according to IEC 60721Climate class 3K3, 5 95% no condensationMechanicstype of electrical connectionPush-in terminals• at outputL1, L2, L3, PE: PushIn for 0.5 6 mm²• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure45 mmheight of the enclosure155 mm• bottom45 mm• left0 mm• left0 mmor ingint0.9 kgproduct feature of the enclosure housing can be lined up fastening methodYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundary modulemethanical accessoriesBuffer module, redundary module	<ul> <li>for emitted interference</li> </ul>	EN 55022 Class B
environmental conditions         ambient temperature         • during operation         • during transport         • during storage         • during transport         • for auxiliary contacts         • for auxiliary contacts         • for auxiliary contacts <td><ul> <li>for mains harmonics limitation</li> </ul></td> <td>EN 61000-3-2</td>	<ul> <li>for mains harmonics limitation</li> </ul>	EN 61000-3-2
ambient temperature       -30 +70 °C; with natural convection a monotonically increasing start-up from -28 °C, safe start-up from -40 °C         • during transport       -40 +85 °C         • during storage       -40 +85 °C         environmental category according to IEC 60721       Climate class 3K3, 5 95% no condensation         Mechanics <ul> <li>type of electrical connection</li> <li>e at input</li> <li>t, 12, 13, PE: PushIn for 0.5 6 mm<sup>2</sup></li> <li>to at output</li> <li>to rauxiliary contacts</li> <li>to rauxiliary contacts</li> <li>the enclosure</li> <li>the enclosure</li> <li>the enclosure</li> <li>to p</li> <li>to p</li> <li>to p</li> <li>to p</li> <li>to p</li> <li>to p</li> <li>top</li> <litop< li=""> <li>top</li> <li>top</li>       &lt;</litop<></ul>	<ul> <li>for interference immunity</li> </ul>	EN 61000-6-2
• during operation-30 +70 °C; with natural convection a monotonically increasing start-up from -40 °C• during transport-40 +85 °C• during storage-40 +85 °C• environmental category according to IEC 60721Climate class 3K3, 5 95% no condensationMachanicsVachanicstype of electrical connectionPush-in terminals• at inputL1, L2, L3, PE: PushIn for 0.5 6 mm²• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts131 (4 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure135 mmheight of the enclosure135 mm• top45 mm• top45 mm• left0 mm• left0 nm• left0.9 kgproduct feature of the enclosure housing can be lined upfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesIdentificion labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C	environmental conditions	
up from -25 °C, safe start-up from -40 °C• during transport-40 +85 °C• during storage-40 +85 °Cenvironmental category according to IEC 60721Climate class 3K3, 5 95% no condensationMechanicstype of electrical connectionPush-in terminals• at inputL1, L2, L3, PE: PushIn for 0.5 6 mm²• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure45 mmheight of the enclosure135 mmetop45 mm• left0 mm• left0 mm• right0.9 kgproduct feature of the enclosure housing can be lined upfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW00other informationSpecifications at rate input voltage and ambient temperature +25 °C	ambient temperature	
• during transport-40 +85 °C• during storage-40 +85 °Cenvironmental category according to IEC 60721Climate class 3K3, 5 95% no condensationMechanicstype of electrical connectionPush-in terminals• at inputL1, L2, L3, PE: PushIn for 0.5 6 mm²• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure45 mmheight of the enclosure135 mmetop45 mmheight of the enclosure155 mmrequired spacing0 mm• left0 mm• right0.9 kgproduct feature of the enclosure housing can be lined upfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesIdefinition labels SIMATIC ET 200SP 6ES7193-6LF30-0AW00other informationSpecifications at rated input voltage and ambient temperature +25 °C	during operation	
• during storage-40 +85 °Cenvironmental category according to IEC 60721Climate class 3K3, 5 95% no condensationMechanicstype of electrical connectionPush-in terminals• at inputL1, L2, L3, PE: PushIn for 0.5 6 mm²• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure45 mmheight of the enclosure135 mmotop45 mm• top45 mm• bottom45 mm• left0 mm• left0 mm• right0.9 kgproduct feature of the enclosure housing can be lined up fastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesBuffer module, SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C	a during transport	
environmental category according to IEC 60721       Climate class 3K3, 5 95% no condensation         Mechanics       Push-in terminals         type of electrical connection       Push-in terminals         e at input       L1, L2, L3, PE: PushIn for 0.5 6 mm²         e for auxiliary contacts       13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²         width of the enclosure       45 mm         height of the enclosure       135 mm         depth of the enclosure       155 mm         required spacing       45 mm         e left       0 mm         or mm       0 mm         eright       0 mm         etature of the enclosure housing can be lined up       Yes         fastening method       Buffer module, redundancy module         mechanical accessories       Identification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0         other information       Specifications at rated input voltage and ambient temperature +25 °C		
Mechanics         type of electrical connection       Push-in terminals         • at input       L1, L2, L3, PE: PushIn for 0.5 6 mm²         • at output       +1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²         • for auxiliary contacts       13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²         width of the enclosure       45 mm         height of the enclosure       135 mm         depth of the enclosure       155 mm         required spacing       45 mm         • left       0 mm         • right       0 mm         net weight       0.9 kg         product feature of the enclosure housing can be lined up       Yes         fastening method       Snaps onto DIN rail EN 60715 35x7.5/15         electrical accessories       Buffer module, redundancy module         mechanical accessories       Identification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0         other information       Specifications at rated input voltage and ambient temperature +25 °C		
type of electrical connectionPush-in terminals• at inputL1, L2, L3, PE: PushIn for 0.5 6 mm²• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure45 mmheight of the enclosure135 mmdepth of the enclosure155 mmrequired spacing45 mm• top45 mm• bottom45 mm• left0 mm• right0 mmnet weight0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		
• at inputL1, L2, L3, PE: PushIn for 0.5 6 mm²• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure45 mmheight of the enclosure135 mmdepth of the enclosure155 mmrequired spacing45 mm• top45 mm• bottom45 mm• left0 mm• left0 mm• right0 mmnet weight0.9 kgproduct feature of the enclosure housing can be lined up fastening methodYesfeatening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		Push-in terminals
• at output+1, +2, -1, -2, -3: PushIn for 0.5 2.5 mm²• for auxiliary contacts13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure45 mmheight of the enclosure135 mmdepth of the enclosure155 mmrequired spacing-• top45 mm• bottom45 mm• left0 mm• light0 mm• right0 mmnet weight0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		
• for auxiliary contacts13, 14 (alarm signal): 1 push-in terminal each for 0.2 1.5 mm²width of the enclosure45 mmheight of the enclosure135 mmdepth of the enclosure155 mmrequired spacing45 mm• top45 mm• bottom45 mm• left0 mm• right0 mmnet weight0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		
width of the enclosure45 mmheight of the enclosure135 mmdepth of the enclosure155 mmrequired spacing-• top45 mm• bottom45 mm• left0 mm• right0 mmnet weight0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		
height of the enclosure135 mmdepth of the enclosure155 mmrequired spacing-• top45 mm• bottom45 mm• left0 mm• right0 mm• net weight0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		
depth of the enclosure155 mmrequired spacing45 mm• top45 mm• bottom45 mm• left0 mm• right0 mm• net weight0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		
required spacing         • top         • top         • bottom         • bottom         • left         0 mm         • right         0 mm         net weight         product feature of the enclosure housing can be lined up         Yes         fastening method         electrical accessories         mechanical accessories         other information		
• top45 mm• bottom45 mm• left0 mm• right0 mm• net weight0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		
• bottom45 mm• left0 mm• right0 mmonm0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		45 mm
e left         0 mm         o mm         o mm         o mm		
• right0 mmnet weight0.9 kgproduct feature of the enclosure housing can be lined upYesfastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		0 mm
net weight       0.9 kg         product feature of the enclosure housing can be lined up       Yes         fastening method       Snaps onto DIN rail EN 60715 35x7.5/15         electrical accessories       Buffer module, redundancy module         mechanical accessories       Identification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0         other information       Specifications at rated input voltage and ambient temperature +25 °C		0 mm
product feature of the enclosure housing can be lined up       Yes         fastening method       Snaps onto DIN rail EN 60715 35x7.5/15         electrical accessories       Buffer module, redundancy module         mechanical accessories       Identification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0         other information       Specifications at rated input voltage and ambient temperature +25 °C		
fastening methodSnaps onto DIN rail EN 60715 35x7.5/15electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C	-	
electrical accessoriesBuffer module, redundancy modulemechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C		Snaps onto DIN rail EN 60715 35x7.5/15
mechanical accessoriesIdentification labels SIMATIC ET 200SP 6ES7193-6LF30-0AW0other informationSpecifications at rated input voltage and ambient temperature +25 °C	-	
other information Specifications at rated input voltage and ambient temperature +25 °C	mechanical accessories	
	other information	

C