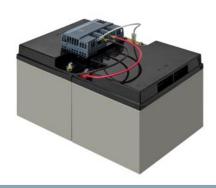
## **SIEMENS**

## **Data sheet**

## 6EP4137-0GE00-0AY0



SITOP BAT1600 24 V DC 38 Ah Pb battery module with maintenance- fee closed lead-acid battery for SITOP UPS1600  $\,$ 



end-of-charge voltage at DC  at 1-10 °C recommended 28 V  at 10 °C recommended 28 V  at 10 °C recommended 27.3 V  at 20 °C recommended 28.8 V  at 30 °C recommended 28.8 V  at 30 °C recommended 28.8 V  at 50 °C recommended 28.8 V  at 50 °C recommended 28.8 V  at 50 °C recommended 28.8 V  battery capacity  battery capacity  38 A/h  output current rated value 40 A  output current rated value 40 A  output current maximum 40 A  peak current 120 A; for 30 ms  charging current maximum 9 A  output voltage at DC rated value 24 V  interfaces  communication function Yes  protection and monitoring  design of short-circuit protection 450A / 32V Maxi fiat fuse  design of short-circuit protection 450A / 32V Maxi fiat fuse  design of the overload protection 450A / 32V Maxi fiat fuse  design of recommended 450A / 32V Maxi fiat fuse  Communication function Three-color: green = Buffer ready; yellow = Buffer endangered, red = Buffer not possible  certificate of suitability  CE marking  Yes  CE marking  Yes  CE marking  Yes  CI ass III  protection class IP  Fig. 2  Standards, specifications, approvals  CSA C22 2 No 61010-2-2011, File E143289; CCSAus (CSA 62368-1, UL62368-1)  Yes  standards, specifications, approvals hazardous environments  certificate of suitability  ATEX  OCSA (CSA 1, Division 2  standards, specifications, approvals hazardous environments)  certificate of suitability  ATEX  OCSA ALS, class 1, Division 2  standards, specifications, approvals marine classification  No  CCSA approval  ATEX  No  CCSA (CSA 1, Division 2  standards, specifications, approvals marine classification	electrical data				
■ at 0 °C recommended     ■ at 20 °C recommended     ■ at 20 °C recommended     ■ at 30 °C recommended     ■ at 30 °C recommended     ■ at 40 °C recommended     ■ at 50 °C recom	end-of-charge voltage at DC				
at 10 °C recommended at 20 °C recommended 27.3 V at 20 °C recommended 28.8 V at 40 °C recommended 26.6 V at 50 °C	<ul> <li>at -10 °C recommended</li> </ul>	28 V			
at 20 °C recommended 25.8 V   at 30 °C recommended 26.8 V   at 40 °C recommended 26.8 V    at 40 °C recommended 26.8 V    at 40 °C recommended 26.8 V    battery capacity	<ul> <li>at 0 °C recommended</li> </ul>	28 V			
at 30 °C recommended 26.8 V at 40 °C recommended 26.8 V  output  battery capacity 38 A-h output current rated value 40 A peak current 120 A; for 30 ms charging current maximum 9 A output voltage at DC rated value 24 V  Interfaces  communication function Yes  protection and monitoring design of short-circuit protection 40 A design of short-circuit protection 7 Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  safety  operating resource protection class P IP20  standards, specifications, approvals  • CSA approval  ves  tandards, specifications, approvals (CSA 62368-1, UL62368-1) type of certificate of suitability  + CSA capacity (CSA 62368-1, UL62368-1) type of certification CB-certificate  **Yes**  **ONA**  No  No  No  **OSAus, Class 1, Division 2  No  **Output Overand Advance Ad	<ul> <li>at 10 °C recommended</li> </ul>	27.8 V			
■ at 40 °C recommended     ■ at 50 °C recommended     Output  battery capacity     Jas Arh     output current rated value     40 A     output current in buffering mode maximum     40 A     output current in buffering mode maximum     40 A     output voltage at DC rated value     24 V     Interfaces     communication function     Yes  protection and monitoring  design of short-circuit protection     display version for normal operation     display version for normal operation  safety  operating resource protection class     protection class IP     protection class IP     standards, specifications, approvals     certificate of suitability	<ul> <li>at 20 °C recommended</li> </ul>	27.3 V			
e at 50 °C recommended  output  battery capacity  output current rated value  output current in buffering mode maximum  40 A  output current in buffering mode maximum  40 A  peak current  charging current maximum  output voltage at DC rated value  24 V  Interfaces  communication function  Protection and monitoring  design of short-circuit protection  display version for normal operation  valve control  display version for normal operation  safety  operating resource protection class  protection sulp  standards, specifications, approvals  e CSA approval  CSA C22.2 No 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certificate of suitability  ATEX  ocCSAus, Class 1, Division 2  No  No  No  No   No   120 A; for 30 ms  40 A  40	<ul> <li>at 30 °C recommended</li> </ul>	26.8 V			
battery capacity  battery capacity  output current rated value  output current in buffering mode maximum  peak current  120 A; for 30 ms  charging current maximum  9 A  output voltage at DC rated value  testing a current  communication function  protection and monitoring  design of short-circuit protection  display version for normal operation  safety  operating resource protection class  protection alass IP  standards, specifications, approvals  certificate of suitability  • CSA approval  CSA c22.2 No 61010-2-201, File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification Septiations, approvals hazardous environments  certificate of suitability  • ATEX  • cCSAus, Class 1, Division 2  No	<ul> <li>at 40 °C recommended</li> </ul>	26.6 V			
battery capacity output current rated value output current in buffering mode maximum 40 A peak current charging current maximum 9 A output voltage at DC rated value 120 A; for 30 ms charging current maximum 9 A output voltage at DC rated value 124 V Interfaces communication function Yes protection and monitoring design of short-circuit protection design of the overload protection Valve control display version for normal operation 50A / 32V Maxi flat fuse design of the overload protection display version for normal operation Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  safety operating resource protection class protection class IP IP20 standards, specifications, approvals certificate of suitability • CE marking • UL approval Yes: cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate Yes standards, specifications, approvals hazardous environments certificate of suitability • ATEX • cCSAus, Class 1, Division 2	<ul> <li>at 50 °C recommended</li> </ul>	26.3 V			
output current rated value output current in buffering mode maximum peak current 120 A; for 30 ms charging current maximum output voltage at DC rated value 24 V  Interfaces communication function Protection and monitoring design of short-circuit protection design of the overload protection valve control display version for normal operation  safety operating resource protection class protection class IP standards, specifications, approvals  CSA approval  Pes  Ves  CSA (22.2 No 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1) type of certificate of suitability  ATEX  ATEX  No  No  Valva (30 Ms) 40 A	output				
output current in buffering mode maximum  peak current  120 A; for 30 ms  charging current maximum  9 A  output voltage at DC rated value  124 V  Interfaces  communication function  Protection and monitoring  design of short-circuit protection  design of the overload protection  display version for normal operation  Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  safety  operating resource protection class  Class III  protection class IP  protection class IP  standards, specifications, approvals  certificate of suitability  CE marking  Ves  CSA approval  CSA approval  CSA approval  Ves; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, UL6368-1)  type of certification CB-certificate  standards, specifications, approvals hazardous environments  certificate of suitability  ATEX  OCSAus, Class 1, Division 2	battery capacity	38 A·h			
peak current charging current maximum 9 A output voltage at DC rated value 124 V  Interfaces  communication function  Yes  protection and monitoring  design of short-circuit protection display version for normal operation  safety operating resource protection class protection class IP 1P20  standards, specifications, approvals  certificate of suitability  • CSA approval  CSA c22.2 No 61010-2-2011, File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate standards, specifications, approvals hazardous environments  certificate of suitability  • CSA council co	output current rated value	40 A			
charging current maximum  output voltage at DC rated value  24 V  interfaces  communication function  protection and monitoring  design of short-circuit protection  display version for normal operation  safety  operating resource protection class  protection class IP  standards, specifications, approvals  • CE marking  • CE marking  • CSA approval  • CSA approval  • CSA approval  **Yes; cULus-Listed (UL 61010-1, UL61010-2-201, File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate  **Yes  **Landards, specifications, approvals hazardous environments  certificate of suitability  • CSA CSAUS, Class 1, Division 2  **No  **No  **OCSAUS, Class 1, Division 2	output current in buffering mode maximum	40 A			
output voltage at DC rated value  interfaces  communication function  yes  design of short-circuit protection  display version for normal operation  safety  operating resource protection class  protection class IP  standards, specifications, approvals  • CSA approval  • CSA approval  type of certification CB-certificate  standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • ATEX  • CSAus, Class 1, Division 2  Yes  communication function  Yes  Standards yes  Aves  Yes  Standards yes  Yes  CJA A32V Maxi flat fuse  Valve control  Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  Stafety  Valve control  Class III  Proe-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  Buffer not yellow = Buffer endangered; red = Buffer not possible  Valve control  Class III  Proe-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  Buffer not yellow = Buffer endangered; red = Buffer not possible  Standards, specifications, approvals  Yes  standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • CSAus, Class 1, Division 2	peak current	120 A; for 30 ms			
interfaces  communication function  protection and monitoring  design of short-circuit protection	charging current maximum	9 A			
communication function  protection and monitoring  design of short-circuit protection  design of the overload protection  display version for normal operation  Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  safety  operating resource protection class  protection class IP  standards, specifications, approvals  certificate of suitability  • CE marking  • UL approval  • CSA approval  • CSA approval  (SA C22.2 No 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate  standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • CCSAus, Class 1, Division 2	output voltage at DC rated value	24 V			
design of short-circuit protection  design of the overload protection  display version for normal operation  Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  safety  operating resource protection class protection class IP protection class IP standards, specifications, approvals  certificate of suitability  CE marking  UL approval  CSA c22.2 NO 61010-2-201, File E143289; cCSAus (CSA 62368-1, UL62368-1)  yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate  yes  standards, specifications, approvals hazardous environments  certificate of suitability  ATEX  ACCCSAus, Class 1, Division 2	interfaces				
design of short-circuit protection  design of the overload protection  display version for normal operation  Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  safety  operating resource protection class  Class III  protection class IP  standards, specifications, approvals  certificate of suitability  CE marking  UL approval  CSA c22.2 NO 61010-2-201, File E143289; cCSAus (CSA 62368-1, UL62368-1)  CSA c22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate  tyes  standards, specifications, approvals hazardous environments  certificate of suitability  ATEX  No  No	communication function	Yes			
design of the overload protection  display version for normal operation  Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  safety  operating resource protection class  protection class IP  standards, specifications, approvals  certificate of suitability  • CE marking  • UL approval  • CSA c22.2 NO 61010-2-201, File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate  yes  standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • CSAus, Class 1, Division 2	protection and monitoring				
display version for normal operation  Three-color: green = Buffer ready; yellow = Buffer endangered; red = Buffer not possible  Operating resource protection class  Portection class IP  IP20  Standards, specifications, approvals  Certificate of suitability  • CE marking  • UL approval  • CSA approval  • CSA approval  CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate  Yes  standards, specifications, approvals hazardous environments  Certificate of suitability  • ATEX  • CCSAus, Class 1, Division 2	design of short-circuit protection	50A / 32V Maxi flat fuse			
possible  operating resource protection class  protection class IP  standards, specifications, approvals  certificate of suitability  • CE marking  • UL approval  • CSA approval  • CSA approval  type of certification CB-certificate  standards, specifications, approvals hazardous environments  certificate of suitability  • CSA C22.2 NO 61010-2-201, File E143289; cCSAus (CSA 62368-1, UL62368-1)  Type of certification CB-certificate  standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • cCSAus, Class 1, Division 2	design of the overload protection	Valve control			
operating resource protection class   Class   III   protection class   IP   IP20    standards, specifications, approvals    certificate of suitability   • CE marking   Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)    • CSA approval   Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)    type of certification CB-certificate   Yes    standards, specifications, approvals hazardous environments    certificate of suitability   • ATEX   No   • CCSAus, Class 1, Division 2   No	display version for normal operation				
protection class IP  standards, specifications, approvals  certificate of suitability  • CE marking  • UL approval  • CSA approval  • CSA approval  type of certification CB-certificate  standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • cCSAus, Class 1, Division 2  IP20  IP20  IP20  IP20  IP20  Yes  cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, UL62368-1)  Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  No	safety				
standards, specifications, approvals  certificate of suitability	operating resource protection class	Class III			
certificate of suitability  CE marking  UL approval  CSA C22.2 No. 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  CSA approval  Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate  Yes  Standards, specifications, approvals hazardous environments  certificate of suitability  ATEX  ATEX  No  CCSAus, Class 1, Division 2	protection class IP	IP20			
CE marking     Ves     UL approval     Ves; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)     CSA approval     Ves; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate     Yes  standards, specifications, approvals hazardous environments  certificate of suitability     ATEX     No     cCSAus, Class 1, Division 2	standards, specifications, approvals				
Ves; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)      CSA approval      Ves; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-1, CSA C22.2 No. 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)      type of certification CB-certificate      Yes      standards, specifications, approvals hazardous environments      certificate of suitability      ATEX      No      cCSAus, Class 1, Division 2	certificate of suitability				
CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  Yes; cULus-Listed (UL 61010-1, UL61010-2-201, CSA C22.2 No. 61010-1, CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-1)  type of certification CB-certificate  Yes  standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • cCSAus, Class 1, Division 2	<ul> <li>CE marking</li> </ul>	Yes			
type of certification CB-certificate  standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • cCSAus, Class 1, Division 2	UL approval	CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-			
standards, specifications, approvals hazardous environments  certificate of suitability  • ATEX  • cCSAus, Class 1, Division 2  No	CSA approval	CSA C22.2 NO 61010-2-201), File E143289; cCSAus (CSA 62368-1, UL62368-			
certificate of suitability  • ATEX  • cCSAus, Class 1, Division 2  No	type of certification CB-certificate	Yes			
ATEX     No     cCSAus, Class 1, Division 2     No	standards, specifications, approvals hazardous environments				
• cCSAus, Class 1, Division 2 No	certificate of suitability				
	• ATEX	No			
standards, specifications, approvals marine classification	• cCSAus, Class 1, Division 2	No			
	standards, specifications, approvals marine classification				

shipbuilding approval	Yes	
Marine classification association		
<ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	Yes	
<ul> <li>Det Norske Veritas (DNV)</li> </ul>	in preparation	
standards, specifications, approvals Environmental Product Dec	claration	
Environmental Product Declaration	Yes	
Global Warming Potential [CO2 eq]		
• total	83.7 kg	
during manufacturing	68.8 kg	
<ul> <li>during operation</li> </ul>	2.3 kg	
after end of life	4.34 kg	
ambient conditions		
ambient condition	For storage, mounting and operation of batteries, the relevant DIN/VDE regulations or country-specific regulations (e.g. VDE 0510 Part 2/EN 50272-2) must be observed.	
ambient temperature		
during operation	-15 +50 °C	
during transport	-30 +70 °C	
during storage	-20 +40 °C	
relative temporary capacity loss at 20 °C in a month typical	3 %	
service life of energy storage		
• typical	capacity falls to 80 % of original capacity (according to EUROBAT)	
• at 20 °C typical	10 a	
• at 30 °C typical	5 a	
• at 40 °C typical	2.5 a	
at 50 °C typical      at 50 °C typical	2.5 a 1.25 a	
note	In addition to the storage temperature, additional factors, such as storage	
note	duration and charging status during storage, have a major impact on the potential service life. This means batteries should preferably be stored fully charged for short periods of time in a dry, cool and frost-proof (temperature range 0 to +20 °C) location.	
connection method		
type of electrical connection	Plug-in terminals with screwed connection	
<ul> <li>for power supply unit</li> </ul>	1 screw terminal each for 0.5 16 mm² for + BAT and - BAT	
<ul> <li>for control circuit and status message</li> </ul>	1 screw terminal each for 0.2 2.5 mm <sup>2</sup>	
mechanical data		
width × height × depth of the enclosure	394 × 212 × 165 mm	
installation width × mounting height	330 × 262 mm	
installation width × mounting height required spacing	330 × 262 mm	
· -	330 × 262 mm 50 mm	
required spacing		
required spacing  • top	50 mm	
required spacing	50 mm 50 mm	
required spacing	50 mm 50 mm 0 mm	
required spacing	50 mm 50 mm 0 mm Floor mounting	
required spacing	50 mm 50 mm 0 mm 0 mm Floor mounting No	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting	50 mm 50 mm 0 mm 0 mm Floor mounting No	
required spacing  top  bottom  left  right  fastening method  standard rail mounting  S7 rail mounting  wall mounting	50 mm 50 mm 0 mm 0 mm Floor mounting No No	
required spacing  top  bottom  left  right  fastening method  standard rail mounting  S7 rail mounting  wall mounting  net weight	50 mm 50 mm 0 mm 0 mm Floor mounting No No No No	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight  number of cells	50 mm 50 mm 0 mm 0 mm Floor mounting No No	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight  number of cells  accessories	50 mm 50 mm 0 mm 0 mm Floor mounting No No No 27.9 kg	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight  number of cells  accessories  product component included	50 mm 50 mm 0 mm 0 mm Floor mounting No No No No	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight number of cells  accessories  product component included  further information internet links	50 mm 50 mm 0 mm 0 mm Floor mounting No No No 27.9 kg	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight  number of cells  accessories  product component included  further information internet links  internet link	50 mm 50 mm 0 mm 0 mm Floor mounting No No No 27.9 kg 2	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight number of cells  accessories  product component included  further information internet links  internet link  • to website: Industry Mall	50 mm 50 mm 0 mm 0 mm Floor mounting No No No 27.9 kg 2  2x Maxi Fuse 50 A/32 V	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight number of cells  accessories  product component included  further information internet links  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool	50 mm 50 mm 0 mm 0 mm Floor mounting No No No 27.9 kg 2  2x Maxi Fuse 50 A/32 V  https://mall.industry.siemens.com https://www.siemens.com/tstcloud	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight number of cells  accessories  product component included  further information internet links  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication	50 mm 50 mm 0 mm 0 mm Floor mounting No No No 27.9 kg 2  2x Maxi Fuse 50 A/32 V  https://mall.industry.siemens.com https://www.siemens.com/tstcloud http://www.siemens.com/simatic-net	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight  number of cells  accessories  product component included  further information internet links  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: CAx-Download-Manager	50 mm 50 mm 0 mm 0 mm Floor mounting No No No No 27.9 kg 2  2x Maxi Fuse 50 A/32 V  https://mall.industry.siemens.com https://www.siemens.com/tstcloud http://www.siemens.com/simatic-net http://www.siemens.com/cax	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight  number of cells  accessories  product component included  further information internet links  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: CAx-Download-Manager  • to website: Industry Online Support	50 mm 50 mm 0 mm 0 mm Floor mounting No No No 27.9 kg 2  2x Maxi Fuse 50 A/32 V  https://mall.industry.siemens.com https://www.siemens.com/tstcloud http://www.siemens.com/simatic-net	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight  number of cells  accessories  product component included  further information internet links  internet link  • to website: Industry Mall  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: CAx-Download-Manager	50 mm 50 mm 0 mm 0 mm Floor mounting No No No No 27.9 kg 2  2x Maxi Fuse 50 A/32 V  https://mall.industry.siemens.com https://www.siemens.com/tstcloud http://www.siemens.com/simatic-net http://www.siemens.com/cax	
required spacing  • top  • bottom  • left  • right  fastening method  • standard rail mounting  • S7 rail mounting  • wall mounting  net weight  number of cells  accessories  product component included  further information internet links  internet link  • to website: Industry Mall  • to website: Industrial communication  • to website: CAx-Download-Manager  • to website: Industry Online Support	50 mm 50 mm 0 mm 0 mm Floor mounting No No No 27.9 kg 2  2x Maxi Fuse 50 A/32 V  https://mall.industry.siemens.com https://www.siemens.com/tstcloud http://www.siemens.com/simatic-net http://www.siemens.com/cax https://support.industry.siemens.com  Specifications at rated input voltage and ambient temperature +25 °C (unless	
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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	27-05-04-03
eClass	12	27-05-04-03
eClass	9.1	27-05-04-03
eClass	9	27-05-04-03
eClass	8	27-05-04-03
eClass	7.1	27-05-04-03
eClass	6	27-05-04-90
ETIM	9	EC000356
ETIM	8	EC000356
ETIM	7	EC000356

## **Approvals Certificates**

**General Product Approval** 





Manufacturer Declaration







Dangerous goods

Environment

**Transport Information** 



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6/25/2024