

product type designation



Aluminum housing with protection class IP68

Degree of protection of aluminum enclosure IP68; suitable for SIMATIC RTU3000C; temperature range -40 to +80 °C; Cover with pin-torx screws; 7 Cable bushings and bushing for mobile radio antenna prepared; please order the cable glands and sealing plugs in the required number separately .

Technical Product Detail Page	https://l.siemens.com/1P6NH3112-3BA00-1XX3
suitability for use	Degree of protection IP68 1 m / 24 h
suitability for operation	suitable for devices of the SIMATIC RTU3000C range
mechanical data	
material	aluminum, powder coated
color	gray (RAL 7001)
ambient conditions	
ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
relative humidity	
• at 30 °C / without condensation / during operation / maximum	95 %
protection class IP	IP68; 1 m / 24 h, observe the installation instructions
design, dimensions and weights	
width	280 mm
height	230 mm
depth	111 mm
net weight	3395 g
design of the screw head / torx	Yes; Pin-Torx
installation or assembly note	Required tightening torques: Cable gland with article number 6NH3112-3BA00-1XX4: Cap nut 5 - 6 Nm, fittings 3.5 - 4.5 Nm, sealing plug with the article number 6NH3112-3BA00-1XX5: 2.5 - 3.5 Nm
standards, specifications, approvals	
reference code	
• according to IEC 81346-2:2019	CMB
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAx-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
Security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks.

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