



SCALANCE TAP104 Text access port to telegram cable, 2 x RJ45 ports, 10/100 Mbit/s, LED diagnostics, 24 V DC Supply voltage, manual.

product type designation	SCALANCE TAP104
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections • for network components or terminal equipment	2; RJ45 with securing collar
interfaces / other	
number of electrical connections • for power supply	1
type of electrical connection • for power supply	3-pole terminal block
supply voltage, current consumption, power loss	
type of voltage / 1 / of the supply voltage	DC
• supply voltage / 1 / rated value	24 V
• power loss [W] / 1 / rated value	1.44 W
• supply voltage / 1 / rated value	18 ... 31.2 V
• consumed current / 1 / maximum	0.06 A
• type of electrical connection / 1 / for power supply	3-pole terminal block
• product component / 1 / fusing at power supply input	Yes
• fuse protection type / 1 / at input for supply voltage	0.5 A / 60 V
ambient conditions	
ambient temperature • during operation • during storage • during transport	-40 ... +70 °C -40 ... +85 °C -40 ... +85 °C
relative humidity • at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20
design, dimensions and weights	
design	compact
width	35 mm
height	152 mm
depth	135 mm
net weight	0.24 kg
fastening method • 35 mm top hat DIN rail mounting • wall mounting • S7-300 rail mounting • S7-1500 rail mounting	Installation with a stand and in 19" rack using accessory components Yes Yes Yes Yes

product functions / redundancy

product function	
<ul style="list-style-type: none"> Parallel Redundancy Protocol (PRP)/operation in the PRP-network 	Yes
<ul style="list-style-type: none"> Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	No

standards, specifications, approvals

standard	
<ul style="list-style-type: none"> for FM for safety / from CSA and UL for emitted interference for interference immunity 	FM3611: Class 1, Division 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 UL 60950-1, CSA C22.2 No. 60950-1 EN 61000-6-4 (Class B) EN 61000-6-2
reference code	
<ul style="list-style-type: none"> according to IEC 81346-2 according to IEC 81346-2:2019 	KF KFE

standards, specifications, approvals / CE

certificate of suitability / CE marking	Yes
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standards, specifications, approvals / hazardous environments

standard / for hazardous zone	EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X
certificate of suitability	
<ul style="list-style-type: none"> CCC / for hazardous zone according to GB standard CCC / for hazardous zone according to GB standard / as marking 	Yes Ex nA IIC T4 Gc

standards, specifications, approvals / other

certificate of suitability	EN 61000-6-2, EN 61000-6-4
<ul style="list-style-type: none"> C-Tick KC approval 	No Yes

further information / internet links



internet link	
<ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database to website: CAx-Download-Manager to website: Industry Online Support 	http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

security information

security information	Siemens provides products and solutions with industrial security 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 security 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 security measures that may be implemented, please visit https://www.siemens.com/industrialsecurity . 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 Security RSS Feed under https://www.siemens.com/cert . (V4.6)
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Approvals / Certificates

General Product Approval	EMC	For use in hazardous locations
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Manufacturer Declaration		ATEX-Zone 2-Declaration		FM	CCC-Ex
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[Manufacturer Declaration](#)

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