SIEMENS

Data sheet 6GK1907-0DC00-6AA5

product type designation	**M12 Power T-Tap**
product description	Power T-piece with two M12 female contact inserts and one M12 male contact insert, both 5-pin, A-coded
	M12 Power T-TAP PRO (A-coded) Power T piece for XP-200 with 2 M12 female contact inserts and one M12 male contact insert; packing unit 5 units.



product brand name	SIMATIC NET
Technical Product Detail Page	https://i.siemens.com/1P6GK1907-0DC00-6AA5
suitability for use	for power connection and power distribution, e.g. to SCALANCE XP-200 switches; suitable for up to 60 V DC and 48 V AC
interfaces	
number of electrical connections	
● for network components or terminal equipment	3
type of electrical connection	
● for network components or terminal equipment	M12 plug (2 x female contact insert, 1 x male contact insert)
type of electrical connection / FastConnect	No
electrical data	
voltage / rated value / maximum	60 V
ampacity / of the contacts / maximum	4 A
mechanical data	
material / of the enclosure	plastic
locking mechanism design	Screwed joint
tightening torque / for M12 round connector / maximum	0.6 N·m
connector coding / of the M12 circular connector	A
design, dimensions and weights	
width	39 mm
height	51.7 mm
depth	21 mm
net weight	34 g
ambient conditions	
ambient temperature	
● during operation	-25 ... +90 °C
● during storage	-25 ... +90 °C
● during transport	-25 ... +90 °C
chemical resistance	
● to water	resistant
protection class IP	IP65/67
product features, product functions, product components / general	
product feature	
● silicon-free	Yes
product component	
● strain relief	Yes

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standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
● UL approval	No
● railway application in accordance with EN 50155	No

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. 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)

Approvals / Certificates

General Product Approval

EAC	China RoHS	Manufacturer Declaration

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