SIEMENS

Data sheet

6GK1907-0DC00-6AA5

product type designation

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.



Interfaces Interfaces Interfaces Interfaces Interfaces In order of electrical connections In of network components or terminal equipment Interface of electrical connection In of network components or terminal equipment Interface of electrical connection / FastConnect Interface of elect	suitability for use	for power connection and power distribution, e.g. to SCALANCE XP-200
number of electrical connections	suitability for use	
For network components or terminal equipment	interfaces	
type of electrical connection • for network components or terminal equipment No electrical data voltage / rated value / maximum substitution of the enclosure locking mechanical data material / of the enclosure locking mechanism design significant or M12 round connector / maximum height significant or M12 round connector / maximum significant or M12 round connector / significant or N12 ro	number of electrical connections	
• for network components or terminal equipment type of electrical connection / FastConnect type of electrical data voltage / rated value / maximum	 for network components or terminal equipment 	3
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 product features, product functions, product components / general product features, product functions, product components / general product feature • strain relief Yes standards, specifications, approvals certificate of suitability	type of electrical connection	
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 product features • bill confere Product functions, product components / general product feature • silicon-free Pres product features • strain relief standards, specifications, approvals certificate of suitability	 for network components or terminal equipment 	M12 plug (2 x female contact insert, 1 x male contact insert)
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 • during transport -25 +90 °C • during transport -25 +90 °C • to water resistant protection class IP IP66/67 product feature • silicon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability	type of electrical connection / FastConnect	No
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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 • silicon-free Yes product component • strain relief Yes standards, specifications, approvals certificate of suitability	voltage / rated value / maximum	60 V
material / of the enclosure 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 • during storage • during transport -25 +90 °C chemical resistance • to water protection class IP product features • silicon-free product feature • silicon-free	ampacity / of the contacts / maximum	4 A
locking mechanism design tightening torque / for M12 round connector / maximum 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 • during storage • during transport -25 +90 °C • during transport -25 +90 °C chemical resistance • to water protection class IP product features • silicon-free product features • silicon-free product component • strain relief Yes standards, specifications, approvals certificate of suitability	mechanical data	
tightening torque / for M12 round connector / maximum	material / of the enclosure	plastic
connector coding / of the M12 circular connector design, dimensions and weights width 39 mm height 51.7 mm depth 21 mm net weight 34 g ambient conditions ambient temperature	locking mechanism design	Screwed joint
width 39 mm height 51.7 mm depth 21 mm net weight 34 g ambient conditions ambient temperature	tightening torque / for M12 round connector / maximum	0.6 N·m
width 39 mm height 51.7 mm depth 21 mm net weight 34 g ambient conditions ambient temperature	connector coding / of the M12 circular connector	A
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 standards, specifications, approvals certificate of suitability	design, dimensions and weights	
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 standards, specifications, approvals certificate of suitability	width	39 mm
net weight ambient conditions ambient temperature • during operation • during storage • during transport -25 +90 °C • during transport -25 +90 °C chemical resistance • to water protection class IP IP65/67 product features, product functions, product components / general product feature • silicon-free Product component • strain relief Yes standards, specifications, approvals certificate of suitability	height	51.7 mm
ambient conditions ambient temperature • during operation • during storage • during transport • during transport -25 +90 °C chemical resistance • to water protection class IP IP65/67 Product features, product functions, product components / general product feature • silicon-free • silicon-free product component • strain relief * Yes **Standards, specifications, approvals certificate of suitability	depth	21 mm
ambient temperature • during operation • during storage • during transport -25 +90 °C • during transport -25 +90 °C chemical resistance • to water protection class IP IP65/67 product features, product functions, product components / general product feature • silicon-free • strain relief Yes standards, specifications, approvals certificate of suitability	net weight	34 g
 during operation during storage during transport 25 +90 °C during transport 25 +90 °C chemical resistance to water resistant product features, product functions, product components / general product feature silicon-free yes product component strain relief Yes standards, specifications, approvals certificate of suitability 	ambient conditions	
 during storage during transport -25 +90 °C chemical resistance to water protection class IP IP65/67 product features, product functions, product components / general product feature silicon-free yes product component strain relief Yes standards, specifications, approvals certificate of suitability 	ambient temperature	
during transport	 during operation 	-25 +90 °C
chemical resistance • to water	 during storage 	-25 +90 °C
● 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 standards, specifications, approvals certificate of suitability	during transport	-25 +90 °C
protection class IP product features, product functions, product components / general product feature • silicon-free product component • strain relief standards, specifications, approvals certificate of suitability	chemical resistance	
product features, product functions, product components / general product feature	• to water	resistant
product feature • silicon-free product component • strain relief standards, specifications, approvals certificate of suitability	protection class IP	IP65/67
silicon-free Yes product component strain relief Yes standards, specifications, approvals certificate of suitability Yes	product features, product functions, product components / general	
product component • strain relief Yes standards, specifications, approvals certificate of suitability	product feature	
• strain relief Yes standards, specifications, approvals certificate of suitability	• silicon-free	Yes
standards, specifications, approvals certificate of suitability	product component	
certificate of suitability	strain relief	Yes
	standards, specifications, approvals	
• RoHS conformity Yes	certificate of suitability	
	 RoHS conformity 	Yes

UL approval	No
 railway application in accordance with EN 50155 	No
further information / internet links	
internet link	
 to web page: selection aid TIA Selection Tool 	http://www.siemens.com/tia-selection-tool
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
 to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
• to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
• to website: Image database	http://automation.siemens.com/bilddb
to website: CAx-Download-Manager	http://www.siemens.com/cax
 to website: Industry Online Support 	https://support.industry.siemens.com

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