

32K CONNECT. MOD. TP3 W. LED SCREW

Connection module TP3 32 channels a. 2x33 terminals f. Potential supply Type:  
Screw terminal with LED, VPE=1 unit 50 pole IDC connector for cable



Technical Product Detail Page	<a href="https://i.siemens.com/1P6ES7924-2CA20-0BA0">https://i.siemens.com/1P6ES7924-2CA20-0BA0</a>
target system	SIMATIC S7-1500
suitability for use	Digital I/O modules
product type designation	Fully modular connection
product designation	Connection module
<b>electrical data</b>	
operating voltage	
• at DC / rated value	24 V
• rated value	24 V
• at DC / maximum	28.8 V
ampacity / per pin / maximum	1 A
continuous current / at DC / per signal cable / maximum	1 A
total current / maximum	2 A
display version	
• as status display of the inputs/outputs	LED yellow for "active high"
• for power supply / power LED	Yes; green for 24 V DC O.K.
product function / infeed function	Yes
product component	
• PE connection	No
• shield connection	No
• disconnecter	No
product feature / cross-connectable	No
<b>connection method</b>	
number of terminals	98; 32 x I/O; 33 x L+, 33 x M
number of channels	32
type of connecting terminal	Screw-type terminal
position / of the terminal	Top
number of terminal levels	1
design of terminal / terminal levels internally linked	No
type of electrical connection / for connecting cable	Plug-in connection
number of poles / at the 1st interface	50; IDC connector with installed strain relief for the connecting cable
number of the plug contacts / of the electrical connection	1
wire length / maximum	30 m; between front connector module and Connection module
type of connectable conductor cross-sections / solid	No
connectable conductor cross-section	
• for flexible conductor / with core end processing	0.5 ... 2.5 mm²; End sleeve according to DIN 46228/1
• stranded	0.5 ... 2.5 mm²
• finely stranded / with core end processing	0.5 ... 2.5 mm²
number of cables / per connection	2; Connection for internal system: Combination of 1 or 2 Wires until the sum



eClass	12	27-14-11-28
eClass	9.1	27-14-11-28
eClass	9	27-14-11-28
eClass	8	27-14-11-28
eClass	7.1	27-14-11-28
eClass	6	27-14-11-28
ETIM	10	EC000900
ETIM	9	EC000900
ETIM	8	EC000900
ETIM	7	EC000900
UNSPSC	15	39-12-14-10

Approvals / Certificates

General Product Approval	For use in hazardous locations
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[Declaration of Con-  
formity](#)

[Manufacturer Declara-  
tion](#)

[China RoHS](#)



For use in hazardous locations	Environment
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[CCC-Ex](#)



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11/14/2025 