SIEMENS

Data sheet

6ES7924-0CA20-0BC0



CONNECT. MOD. TP3 W. LED PUSH-IN TERM.

Connection module TP3 8 channels u. 2x10 terminals f. Potential supply Type: Push-in terminal with LED, VPE=1 unit 16 pole IDC connector f. cable

Figure similar

target system	SIMATIC S7-300 / 1500
suitability for use	Digital I/O modules
product type designation	Fully modular connection
product designation	Connection module
electrical data	
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	4 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
• disconnector	No
product feature / cross-connectable	No
connection method	
number of terminals	28; 8 x I/O; 10 x L+, 10 x M
number of channels	8
type of connecting terminal	push-in
position / of the terminal	Тор
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	16; 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	0.2 2.5 mm²; End sleeve according to DIN 46228/1 or DIN 46228/4 with plastic collar
• stranded	0.2 2.5 mm²
 finely stranded / without core end processing 	0.2 2.5 mm²
 finely stranded / with core end processing 	0.2 2.5 mm ²

Additional analysis	number of cables / per connection		2; Connection for internal system: Combination of 1 or 2 Wires until the sum total of cross sections be achieved in a ferrule.			
certificate of suitability - cUlus approval design tested acts to type of protection / EEx e No overvottige category 2 combustibility class according to UL-9 color col	width of screwdriver blade	3.5 mm				
• cUlus approval decident on the period protection / EEx e	standards, specifications, approvals					
Gesign tested act: 10 type of protection / EEx e	certificate of suitability					
2	cULus approval	Yes				
degree of pollution 2 combustability class according to Ut. 94 Environmental Product Declaration yes ploated area in predictations, approvals / Environmental Product Declaration yes ploated warning potential (CO2 eq) • lotal • during manufacturing • during genetation • during manufacturing • during operation • during operation • during storage ambient temperature • during storage **A0 +70 "C **Tomachical data** **with ** keight ** deight **mounting type DIN rail 35 mm, DIN rail 15 mm **mounting type DIN rail 35 mm, DIN rail 15 mm **mounting sostion **net weight **other enclosure • of the e	design tested acc. to type of protection / EEx e	No				
Standards, specifications, approvals / Environmental Product Declaration Yes	overvoltage category	2				
Standards, specifications, approvals / Environmental Product Declaration Yes	degree of pollution	2				
Environmental Product Declaration global warming potential (CO2 er) • total • during manufacturing • faire and of life • during operation • during of storage • during operation • during operation • during operation • during operation • during of storage • during operation • during of storage • during operation • during of storage • during operation • of the enclosur • of the enclosure • of the light source • of the content links • linement links • linem	combustibility class according to UL 94	ty class according to UL 94 V1				
Section Sect	standards, specifications, approvals / Environmental Produ	ct Declaration				
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ETIM	10	EC000900
ETIM	9	EC000900
ETIM	8	EC000900
ETIM	7	EC000900
UNSPSC	15	39-12-14-10

Approvals / Certificates

General Product Approval EMV Environment

Manufacturer Declaration









last modified:

4/9/2025