SIEMENS

Data sheet

6ES7924-0BB20-0AC0



TERMINAL BLOCK TP2I W/O LED PUSHIN TERM.

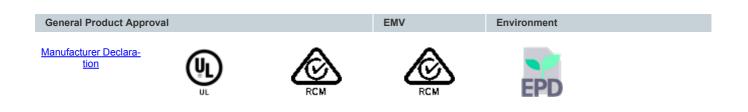
Connection module TP2 8 channels f. 2 A digital output and 2x6 multiplication terminals Type: Push-in terminal without LED, VPE=1 unit 16 pole IDC connection for cable

Fig	ure	sim	lar
1.19	010	2000	1.64

target system	SIMATIC S7-300 / 1500
suitability for use	2A Output module
product type designation	Fully modular connection
product designation	Connection module
electrical data	
operating voltage	
• at DC / rated value	24 V
rated value	50 V
• at DC / maximum	50 V
ampacity / per pin / maximum	1 A
continuous current / at DC / per signal cable / maximum	2 A
product component / PE connection	No
product component / shield connection	No
product component / disconnector	No
product function / infeed function	Yes
product feature / cross-connectable	No
connection method	
number of terminals	20; 8 x O; 2 x 6 x M
number of channels	8
number of terminal levels	1
type of connecting terminal	push-in
position / of the terminal	Тор
type of electrical connection / for connecting cable	Plug-in connection
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.
design of terminal / terminal levels internally linked	No
type of connectable conductor cross-sections / solid	No
connectable conductor cross-section	
• for flexible conductor / with core end processing	$0.2\ldots 2.5\ \text{mm}^2;$ 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 mm²
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
width of screwdriver blade	3.5 mm
standards, specifications, approvals	
certificate of suitability	
cULus approval	Yes

design tested acc. to type of protection / EEx e	No					
overvoltage category	2					
degree of pollution	2	2				
combustibility class according to UL 94	V1					
standards, specifications, approvals / Environmental Produ	ict Declaration					
Environmental Product Declaration	Yes					
Global Warming Potential [CO2 eq]						
total	14.6 kg					
 during manufacturing 	0.8 kg					
 during operation 	13.7 kg	13.7 kg				
after end of life	0.08 kg					
ambient conditions						
ambient temperature						
during operation	0 60 °C					
during storage	-40 +70 °C					
mechanical data						
width × height × depth		57 mm × 76 mm × 60 mm				
mounting type	DIN rail 35 mm, DIN rail 15 mm	DIN rail 35 mm, DIN rail 15 mm				
mounting position	any					
height / with lowest-profile installation	60 mm					
net weight	0.1 kg					
insulation material	other					
color						
of the enclosure	grey					
of the light source required (and cover plate	without					
product component / required / end cover plate further information / internet links	No		_			
internet link						
	https://mall.industry.sigmons.co	um l				
 to website: Industry Mall to web page: selection aid TIA Selection Tool 	https://mall.industry.siemens.co https://www.siemens.com/tstclo					
 to web page: selection and the selection room to web page: system cabling 						
• to website: CAx-Download-Manager		https://siemens.com/simatic-top-connect				
to website: Industry Online Support		https://siemens.com/cax https://support.industry.siemens.com				
additional information	<u>intpentedpportinductificienten</u>	<u></u>				
other information	Specifications at rated input vol otherwise specified)	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)				
marketing text	for a 2-wire connection with pus the interface between the connect the field and the SIMATIC S7. T functionality with push-in termin This connection module is part connection for the fastest and s costs, error sources in cabling of actuators from the peripherals a	The TP2 connection module for the 2-ampere output modules with 8 channels for a 2-wire connection with push-in terminals without LED for signalling forms the interface between the connecting cables of the peripherals brought in from the field and the SIMATIC S7. This is mounted on the DIN rail and, thanks to its functionality with push-in terminals, is precisely adapted to the respective task. This connection module is part of the fully modular SIMATIC TOP connect connection for the fastest and safest system cabling. In addition to low wiring costs, error sources in cabling can be significantly reduced. Sensors and actuators from the peripherals are combined with the connection modules of SIMATIC TOP connect and connected to the SIMATIC S7-300/1500 via cable and front plug-in module.				
Classifications						
		Version	Classification			
	eClass	14	27-25-01-12			
	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			
		9	EC000900			
	ETIM					
		8				
	ETIM	8	EC000900			
		8 7 15				

Approvals / Certificates



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1/18/2025 🖸