

TERM. BLOCK TPOO W. LED PUSH-IN TERM.  
 Connection module TPOO with optocoupler 24 VDC, Output 8 NO contacts 24V DC/4 A Overload and short circuit-proof, with LED Push-in terminal VPE = 1 unit 16 pole IDC connector f. cable



Figure similar

Target system	SIMATIC S7-300 / 1500
Suitability for use	Digital output module
Product type designation	Fully modular connection
Product designation	Connection module

Operating data	
Operating voltage	
<ul style="list-style-type: none"> <li>• at DC / Rated value</li> <li>• rated value</li> <li>• at DC / maximum</li> <li>• at AC / Rated value</li> </ul>	24 V; for coil 50 V 28.8 V for coil
Current / rated value	1 A
Continuous current / at DC / per signal cable / maximum	4 A
Total current / maximum	32 A; any, except overhead; voltage feed each group of four max. 16A
Switching capacity current / of the contacts / with resistive load / maximum	4 A; for 24V DC
Operating temperature	0 ... 60 °C

Ambient temperature	
• during operation	0 ... 60 °C
• during storage	-40 ... +70 °C
Number of terminal levels	1
Number of terminal points / per terminal level	1
Number of terminals	22; 8 x O; 2 x L+, 2 x M; 10 x special terminals
Type of connecting terminal	Push-In
Type of electrical connection / for actuators and sensors	Push-In
Position / of the terminal	Top
Design of LED initiator/actuator terminal	Push-In
Width of screwdriver blade	3.5 mm
Design of terminal / Terminal levels internally linked	No
Product component	
• PE connection	No
• Shield connection	No
• Disconnecter	No
• required / connection plate	No
Product feature / Infeed function	Yes
Product feature / cross-connectable	No
Type of switching contact	Optocoupler
Operating frequency / maximum	500 1/s
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.
Type of connectable conductor cross-sections / solid	No
Connectable conductor cross-section	
• for flexible conductor / with core end processing	0.2 ... 2.5 mm <sup>2</sup> ; End sleeve according to DIN 46228/1 or DIN 46228/4 with plastic collar
• stranded	0.2 ... 2.5 mm <sup>2</sup>
• finely stranded / without core end processing	0.2 ... 2.5 mm <sup>2</sup>
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Number of poles / at the 1st interface	16; the IDC connector for the connection cable
Type of electrical connection / for connecting cable	Plug-in connection
number of the plug contacts / of the electrical connection	1
Wire length / maximum	30 m; between front connector module and Connection module

#### General data

Mounting type	DIN rail 35 mm, DIN rail 15 mm
Installation or assembly note	any, head excepted
Mounting position	any
Degree of pollution	2
Overvoltage category	2
Combustibility class acc. to UL 94	V1

Insulation material	other
Design tested acc. to type of protection / EEx e	No
Certificate of suitability / cULus approval	Yes
Reference code / acc. to DIN EN 81346-2	X
Color	
• of the enclosure	grey
• of the light source	other
Length	76 mm
Height / of the enclosure	76 mm
Width / of the enclosure	130 mm
Depth / of the enclosure	60 mm
Height / with lowest-profile installation	60 mm
Net weight	0.25 kg