



Figure similar

TERMINAL BLOCK TP1 W. LED PUSH-IN TERM.

Connection module TP1 8 channels u. 2x2 terminals f. Potential supply
Type: Push-in terminal with LED, VPE=1 unit 16 pole IDC connector f. cable

target system	SIMATIC S7-300 / 1500
suitability for use	Digital I/O modules
product type designation	Fully modular connection
product designation	Connection module
Operating data / header	
operating voltage	
• at DC / rated value	24 V
• rated value	50 V
• at DC / maximum	24 V
current / rated value	1 A
continuous current / at DC / per signal cable / maximum	1 A
total current / maximum	4 A
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	12; 8 x I/O; 2 x L+, 2 x M
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 / end cover plate	No
product function / infeed function	Yes
product feature / cross-connectable	No
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 ² ; End sleeve according to DIN 46228/1 or DIN 46228/4 with plastic collar
• stranded	0.2 ... 2.5 mm ²

<ul style="list-style-type: none"> finely stranded / without core end processing 	0.2 ... 2.5 mm ²
<ul style="list-style-type: none"> finely stranded / with core end processing 	0.2 ... 2.5 mm ²
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 / header	
mounting type	DIN rail 35 mm, DIN rail 15 mm
installation or assembly note	any
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 IEC 81346-2	X
color	
<ul style="list-style-type: none"> of the enclosure 	grey
<ul style="list-style-type: none"> of the light source 	other
length	58 mm
height / of the enclosure	58 mm
width / of the enclosure	40 mm
depth / of the enclosure	50 mm
height / with lowest-profile installation	50 mm
net weight	0.05 kg

