



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	24 V
<ul style="list-style-type: none"> <li>at DC / rated value</li> </ul>	50 V
<ul style="list-style-type: none"> <li>rated value</li> </ul>	24 V
<ul style="list-style-type: none"> <li>at DC / maximum</li> </ul>	1 A
current / rated value	1 A
continuous current / at DC / per signal cable / maximum	4 A
total current / maximum	0 ... 60 °C
operating temperature	0 ... 60 °C
ambient temperature	-40 ... +70 °C
<ul style="list-style-type: none"> <li>during operation</li> </ul>	1
<ul style="list-style-type: none"> <li>during storage</li> </ul>	1
number of terminal levels	12; 8 x I/O; 2 x L+, 2 x M
number of terminal points / per terminal level	Push-In
number of terminals	Push-In
type of connecting terminal	Top
type of electrical connection / for actuators and sensors	Push-In
position / of the terminal	3.5 mm
design of LED initiator/actuator terminal	No
width of screwdriver blade	No
design of terminal / terminal levels internally linked	No
product component	No
<ul style="list-style-type: none"> <li>PE connection</li> </ul>	No
<ul style="list-style-type: none"> <li>shield connection</li> </ul>	No
<ul style="list-style-type: none"> <li>disconnecter</li> </ul>	No
<ul style="list-style-type: none"> <li>required / end cover plate</li> </ul>	Yes
product function / infeed function	No
product feature / cross-connectable	2; Connection for internal system: Combination of 1 or 2 Wires until the sum total of cross sections be achieved in a ferrule.
number of cables / per connection	No
type of connectable conductor cross-sections / solid	No
connectable conductor cross-section	0.2 ... 2.5 mm <sup>2</sup> ; End sleeve according to DIN 46228/1 or DIN 46228/4 with plastic collar
<ul style="list-style-type: none"> <li>for flexible conductor / with core end processing</li> </ul>	0.2 ... 2.5 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>stranded</li> </ul>	0.2 ... 2.5 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>finely stranded / without core end processing</li> </ul>	0.2 ... 2.5 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>finely stranded / with core end processing</li> </ul>	0.2 ... 2.5 mm <sup>2</sup>

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 according 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 / according to IEC 81346-2	XG
color	
• of the enclosure	grey
• 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

