

50IDC TERM. BL. TPA PUSH-IN TERM.S7-1500

Connection module TPA 3-tier for analog Modules of the SIMATIC S7-1500  
Type: Push-in terminal without LED, VPE=1 unit 50 pole IDC connector for cable



Figure similar

target system	SIMATIC S7-1500
suitability for use	Analog 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>	50 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	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	72; Intended for analog
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	0.2 ... 2.5 mm <sup>2</sup> ; End sleeve according to DIN 46228/1 or DIN 46228/4 with plastic collar
connectable conductor cross-section	0.2 ... 2.5 mm <sup>2</sup>
<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>	50; the IDC connector for the connection cable
number of poles / at the 1st interface	

type of electrical connection / for connecting cable  
number of the plug contacts / of the electrical connection  
wire length / maximum

Plug-in connection  
1  
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	without
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	0.27 kg

