

TERM. BL. TPA SCREW TERM .S7-300  
 TERMINAL BLOCK TPA 3-TIER FOR ANALOG MODULES OF  
 SIMATIC S7-300 SORT: SCREW TERMINAL WITHOUT LED,  
 PACK. UNIT=1PCS 16POLE IDC CONNECT. F. CABLE



Target system	SIMATIC S7-300
<b>Operating data</b>	
Operating voltage	
• at DC / Rated value	24 V
• rated value	50 V
• at DC / maximum	50 V
Current / rated value	1 A
Continuous current / at DC / per signal cable / maximum	1 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	30
Width of screwdriver blade	3.5 mm
Tightening torque / with screw-type terminals	0.4 ... 0.5 N·m
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
Number of cables / per connection	2
Connectable conductor cross-section	
• for flexible conductor / with core end processing	0.5 ... 2.5 mm <sup>2</sup>
• stranded	0.5 ... 2.5 mm <sup>2</sup>
• finely stranded / with core end processing	0.5 ... 2.5 mm <sup>2</sup>
Number of poles / at the 1st interface	16
number of the plug contacts / of the electrical connection	1
Wire length / maximum	30 m

### General data

Degree of pollution	2
Overvoltage category	2
Design tested acc. to type of protection / EEx e	No
Certificate of suitability / cULus approval	Yes
Equipment marking / acc. to DIN EN 81346-2	X
Length	76 mm
Height / of the enclosure	76 mm
Width / of the enclosure	57 mm
Depth / of the enclosure	60 mm
Height / with lowest-profile installation	60 mm
Net weight	0.18 kg