



Figure similar

TERMINAL BLOCK TPRO W. LED SCREW TERM.

Connection module TPRO with relay 24 V DC, Output 8 NO contacts 230V AC/3 A 30 V DC/3 A, Type: Screw terminal with LED, VPE=1 unit 16 pole IDC connection for cable

target system	SIMATIC S7-300 / 1500
suitability for use	Digital output module
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>	28.8 V
<ul style="list-style-type: none"> <li>at DC / maximum</li> </ul>	1 A
current / rated value	4 A
continuous current / at DC / per signal cable / maximum	4 A; for 250V AC; recommended minimal load larger than 1mA
switching capacity current / of the contacts / with resistive load / 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	20; 8 x O x 2; 2 x L+, 2 x M
number of terminal points / per terminal level	Screw-type terminal
number of terminals	Screw-type terminal
type of connecting terminal	Top
type of electrical connection / for actuators and sensors	Screw-type terminal
position / of the terminal	Screw-type terminal
design of LED initiator/actuator terminal	3.5 mm
width of screwdriver blade	0.4 ... 0.5 N·m
tightening torque / with screw-type terminals	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>	No
product function / infeed function	Yes
product feature / cross-connectable	No
relay design	For output signals
type of switching contact	Single contact, NO contact
number of relay outputs	8
mechanical service life (operating cycles) / typical	3 000 000
electrical endurance (operating cycles) / typical	50 000; for AC 230 V/4 A/Cos phi = 1
operating frequency / maximum	0.1 1/s
product component / protective wiring	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	0.5 ... 2.5 mm <sup>2</sup> ; End sleeve according to DIN 46228/1
<ul style="list-style-type: none"> <li>• for flexible conductor / with core end processing</li> <li>• stranded</li> <li>• finely stranded / with core end processing</li> </ul>	0.5 ... 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	
<ul style="list-style-type: none"> <li>• of the enclosure</li> <li>• of the light source</li> </ul>	grey other
length	76 mm
height / of the enclosure	76 mm
width / of the enclosure	100 mm
depth / of the enclosure	60 mm
height / with lowest-profile installation	60 mm
net weight	0.27 kg

