



FRONT CONN. MOD. (DIGI. 4X8E/A) S7-1500

Front connector module with 4x16 pole IDC connector for digital 32 I/O modules of the S7-1500 Potential supply over Screw terminals

target system
suitability for use
product type designation
product designation

SIMATIC S7-1500
Digital I/O modules
Fully modular connection
Front connector module

Operating data / header

<p>operating voltage</p> <ul style="list-style-type: none"> • at DC / rated value • rated value • at DC / maximum <p>current / rated value</p> <p>continuous current / at DC / per plug-in contact / maximum</p> <p>total current / maximum</p> <p>operating temperature</p> <p>ambient temperature</p> <ul style="list-style-type: none"> • during operation • during storage <p>number of poles</p> <p>manufacturer's article number / of device connector / usable</p> <p>number of the plug contacts / of the electrical connection</p> <p>type of electrical connection / for connecting cable</p> <p>number of poles / at the 1st interface</p> <p>position / of the terminal</p> <p>type of electrical connection / for power supply</p> <p>number of terminals</p> <p>width of screwdriver blade</p> <p>tightening torque / with screw-type terminals</p> <p>product component / required / end cover plate</p> <p>number of cables / per connection</p> <p>stripped length</p> <p>type of connectable conductor cross-sections / solid</p> <p>connectable conductor cross-section</p> <ul style="list-style-type: none"> • for flexible conductor / with core end processing • stranded • finely stranded / without core end processing • finely stranded / with core end processing <p>type of wire end sleeve</p> <ul style="list-style-type: none"> • without plastic sleeve / according to DIN 46228-1 • with plastic sleeve / according to DIN 46228-4 <p>outer diameter / of the wire insulation</p>	<p>24 V</p> <p>24 V</p> <p>60 V</p> <p>1 A</p> <p>1 A</p> <p>2 A; for mounting position horizontal</p> <p>0 ... 60 °C</p> <p>0 ... 60 °C</p> <p>-40 ... +70 °C</p> <p>40; of the front connector</p> <p>replacement for S7-1500 40 pole</p> <p>4</p> <p>Plug-in connection</p> <p>16; the IDC connector for the connection cable</p> <p>at the top</p> <p>Screw-type terminal</p> <p>8; 4 x 1 x L+, 4 x 1 x M</p> <p>3.5 mm</p> <p>0.4 ... 0.7 N·m</p> <p>No</p> <p>2; Connection for internal system: Combination of 1 or 2 Wires until the sum total of cross sections be achieved in a ferrule.</p> <p>10 mm</p> <p>No</p> <p>0.25 ... 1.5 mm²; End sleeve according to DIN 46228/1 or DIN 46228/4 with plastic collar max. 0.75 mm²</p> <p>0.5 ... 2.5 mm²</p> <p>0.5 ... 2.5 mm²</p> <p>0.25 ... 1.5 mm²</p> <p>Length 10mm</p> <p>Length 10mm</p> <p>3.1 mm; to the connection of the supply terminal</p>
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wire length / maximum

30 m; between front connector module and terminal module

General data / header

mounting type	direct mounting
degree of pollution	2
overvoltage category	2
design tested acc. to type of protection / EEx e	No
certificate of suitability / cULus approval	Yes
reference code / according to IEC 81346-2	XG
material / of the insulating body	other
color / of the enclosure	black
product feature / transparent	No
net weight	0.099 kg

last modified:

7/12/2022 