

FRONT CONNECTOR S7-300 20 POLE CRIMP  
SIMATIC S7-300, Front connector for crimp contacts, without crimp contacts 20 pole, VPE=100 units



|                          |                 |
|--------------------------|-----------------|
| Target system            | SIMATIC S7-300  |
| Suitability for use      | I/O modules     |
| Product type designation | Crimp connector |
| Product designation      | Front connector |

| Operating data   |                                |
|--|--------------------------------|
| Operating voltage  |                                |
| • at DC / Rated value  | 24 V                           |
| • rated value  | 60 V                           |
| • at DC / maximum  | 60 V                           |
| Current / rated value  | 1 A                            |
| Continuous current / at DC / per plug-in contact / maximum   | 1 A                            |
| Operating temperature  | 0 ... 60 °C                    |
| Ambient temperature  |                                |
| • during operation   | 0 ... 60 °C                    |
| • during storage   | -40 ... +70 °C                 |
| Number of poles  | 20; of the front connector     |
| Manufacturer's article number / of device connector / usable | replacement for S7-300 20 pole |

|  |  |
|--|--|
| Type of electrical connection / for connecting cable   | Plug-in connection   |
| Number of poles / at the 1st interface   | 16; the IDC connector for the connection cable   |
| Position / of the terminal   | at the top   |
| Type of electrical connection / for power supply   | crimp contact  |
| Product component / required / connection plate  | No   |
| Type of connectable conductor cross-sections / solid   | No   |
| Connectable conductor cross-section <ul style="list-style-type: none"> <li>• for flexible conductor / with core end processing</li> <li>• stranded</li> <li>• finely stranded / without core end processing</li> <li>• finely stranded / with core end processing</li> </ul> | 0.25 ... 1.5 mm <sup>2</sup> ; End sleeve according to DIN 46228 without plastic collar<br>0.5 ... 1 mm <sup>2</sup><br>0.25 ... 1.5 mm <sup>2</sup><br>0.25 ... 1.5 mm <sup>2</sup> |
| Wire length / maximum  | 30 m; between front connector module and terminal module   |

| General data                                     |                 |
|--|-----------------|
| (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 / acc. to DIN EN 81346-2          | X               |
| Material / of the insulating body                | other           |
| Color / of the enclosure                         | black           |
| Product feature / transparent                    | No              |
| (net weight)                                     | 3.871 kg        |
| <b>last modified:</b>                            | 03/31/2020      |