



\*\*\*spare part\*\*\* SIMATIC S7-300, front connector for signal modules with spring-loaded contacts, 20-pole

| General information                                                             |                                                                                |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Product type designation                                                        | Front connector                                                                |
| Ambient conditions                                                              |                                                                                |
| Ambient temperature during operation                                            |                                                                                |
| • min.                                                                          | 0 °C                                                                           |
| • max.                                                                          | 60 °C                                                                          |
| Ambient temperature during storage/transportation                               |                                                                                |
| • min.                                                                          | -40 °C                                                                         |
| • max.                                                                          | 70 °C                                                                          |
| Accessories                                                                     |                                                                                |
| belongs to product                                                              | S7-300                                                                         |
| Connection method                                                               |                                                                                |
| Connection I/O signals                                                          |                                                                                |
| • Connection method                                                             | Spring terminals                                                               |
| • Number of lines per connection                                                | 1; or combination of 2 conductors of up to 1.5 mm² (total) in a shared ferrule |
| Conductor cross-section in mm²                                                  |                                                                                |
| — Connectable cable cross-sections for massive cables, min.                     | 0.25 mm²                                                                       |
| — Connectable cable cross-sections for massive cables, min.                     | 1.5 mm²                                                                        |
| — Connectable cable cross-sections for flexible cables without end sleeve, min. | 0.25 mm²                                                                       |
| — Connectable cable cross-sections for flexible cables without end sleeve, max. | 1.5 mm²                                                                        |
| — Connectable cable cross-sections for flexible cables with end sleeve, min.    | 0.25 mm²                                                                       |
| — Connectable cable cross-sections for flexible cables with end sleeve, max.    | 1.5 mm²                                                                        |
| Conductor cross-section acc. to AWG                                             |                                                                                |
| — Connectable cable cross-sections for massive cables, min.                     | 24                                                                             |
| — Connectable cable cross-sections for massive cables, min.                     | 16                                                                             |
| — Connectable cable cross-sections for flexible cables without end sleeve, min. | 24                                                                             |
| — Connectable cable cross-sections for flexible cables without end sleeve, max. | 16                                                                             |
| — Connectable cable cross-sections for flexible cables with end sleeve, min.    | 24                                                                             |
| — Connectable cable cross-sections for flexible cables with end sleeve, max.    | 16                                                                             |
| Wire end processing                                                             |                                                                                |

|                                                       |                             |
|-------------------------------------------------------|-----------------------------|
| — Stripped length of cables, min.                     | 6 mm                        |
| — Stripped length of cables, max.                     | 6 mm                        |
| — End sleeve acc. to DIN 46228 without plastic sleeve | Design A, 5 mm to 7 mm long |
| — End sleeve acc. to DIN 46228 with plastic sleeve    | Design E, up to 6 mm long   |

| Dimensions      |        |
|-----------------|--------|
| Width           | 23 mm  |
| Height          | 131 mm |
| Depth           | 36 mm  |
| Weights         |        |
| Weight, approx. | 61 g   |
| Classifications |        |

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 27-24-22-92    |
| eClass | 12      | 27-24-22-92    |
| eClass | 9.1     | 27-24-22-92    |
| eClass | 9       | 27-24-22-92    |
| eClass | 8       | 27-24-92-90    |
| eClass | 7.1     | 27-24-92-90    |
| eClass | 6       | 27-24-92-90    |
| ETIM   | 10      | EC002584       |
| ETIM   | 9       | EC002584       |
| ETIM   | 8       | EC002584       |
| ETIM   | 7       | EC002584       |
| IDEA   | 4       | 3552           |
| UNSPSC | 15      | 32-15-17-03    |

| Approvals / Certificates |     |
|--------------------------|-----|
| General Product Approval | EMV |



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[Miscellaneous](#)

[Manufacturer Declaration](#)



RCM



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| EMV                                                                                 | For use in hazardous locations                                                                     |                                                                                                     |                                                                                                     |                                                                                                        |                               |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------|
|  |  <div>RCM</div> |  <div>ATEX</div> |  <div>ATEX</div> |  <div>IECEX</div> | <a href="#">Miscellaneous</a> |

| For use in hazardous locations |
|--------------------------------|
| <a href="#">CCC-Ex</a>         |

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