



S7-1500 FRONTCONN. 20 CORES H05V-K 5.0M

Front connector for SIMATIC S7-1500 40 pole (6ES7592-1AM00-0XB0) with 20 single cores 0.5 mm<sup>2</sup> (1-20) Core type H05V-K Screw version L = 5.0 m

|                                                                                        |                                                                          |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| target system                                                                          | SIMATIC S7-1500                                                          |
| suitability for use                                                                    | Digital I/O modules                                                      |
| product type designation                                                               | Flexible connection                                                      |
| product designation                                                                    | Front connector with single cores                                        |
| <b>Product properties, functions, components / general / header</b>                    |                                                                          |
| connector type                                                                         | <a href="#">6ES7592-1AM00-0XB0</a>                                       |
| wire length                                                                            | 5 m                                                                      |
| design of cable                                                                        | H05V-K                                                                   |
| material / of the connection cable sheath                                              | PVC                                                                      |
| color / of cable sheath                                                                | blue                                                                     |
| RAL color number                                                                       | RAL 5010                                                                 |
| outer diameter / of cable sheath                                                       | 2.2 mm; bundled single cores                                             |
| conductor cross section / rated value                                                  | 0.5 mm <sup>2</sup>                                                      |
| marking / of cores                                                                     | Number consecutively from 1 to 20 in white adapter contact = core number |
| type of connecting terminal                                                            | Screw-type terminal                                                      |
| number of channels                                                                     | 20                                                                       |
| number of poles                                                                        | 40; of the front connector                                               |
| <b>Operating data / header</b>                                                         |                                                                          |
| operating voltage / at DC                                                              |                                                                          |
| • rated value                                                                          | 24 V                                                                     |
| • maximum                                                                              | 30 V                                                                     |
| continuous current / with simultaneous load on all cores / at DC / maximum permissible | 1.5 A                                                                    |
| ambient temperature                                                                    |                                                                          |
| • during storage                                                                       | -30 ... +70 °C                                                           |
| • during operation                                                                     | 0 ... 60 °C                                                              |
| <b>General data / header</b>                                                           |                                                                          |
| certificate of suitability / cULus approval                                            | No                                                                       |
| suitability for interaction                                                            |                                                                          |
| • input card PLC                                                                       | Yes                                                                      |
| • PLC output card                                                                      | Yes                                                                      |
| suitability for use                                                                    |                                                                          |
| • digital signal transmission                                                          | Yes                                                                      |
| • analog signal transmission                                                           | No                                                                       |
| type of electrical connection                                                          |                                                                          |
| • in the field                                                                         | other                                                                    |
| • on enclosure                                                                         | Screw-type terminal                                                      |
| reference code / acc. to IEC 81346-2                                                   | W                                                                        |
| net weight                                                                             | 1.22 kg                                                                  |

