



S7-1500 FRONTCON. 40CORES HALOG.-FR 6.5M

Front connector for SIMATIC S7-1500 40 pole (6ES7592-1AM00-0XB0) with 40 single cores 0.5 mm<sup>2</sup> Core type H05Z-K (halogen-free) Screw version L = 6.5 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 |

### Product properties, functions, components / general / header

|   |  |
|---|--|
| connector type                            | <a href="#">6ES7592-1AM00-0XB0</a>                                       |
| wire length                               | 6.5 m  |
| design of cable                           | H05Z-K   |
| material / of the connection cable sheath | Polyolefin basis halogen-free  |
| 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 40 in white adapter contact = core number |
| type of connecting terminal               | Screw-type terminal  |
| number of channels                        | 40   |
| number of poles                           | 40; of the front connector   |

### Operating data / header

|  |                |
|--|----------------|
| 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   | -15 ... +60 °C |
| • during operation   | 0 ... 60 °C    |

### General data / header

|   |                     |
|---|---------------------|
| 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 / according to IEC 81346-2   | WG                  |
| net weight                                  | 2.77 kg             |



