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| product type designation                                                                                                                | BA 2xRJ45VD HA                                                                                                                                                                                                                                                                                                                                                              |
| product description                                                                                                                     | BusAdapter VD                                                                                                                                                                                                                                                                                                                                                               |
|                                                        | BA 2xRJ45VD HA, Bus adapter VD (Variable Distance), for Ethernet-Communication about 2-, 4- or 8 wire copper cables, 2xRJ45 conn. For Industrial Ethernet and PROFINET, extended Temperature range -40°C to +70°C, Conformal Coating, installation height up to 4000m Distance up to 2 wire to 1000m at 10 Mbit/s 2 wire to 100m at 100 Mbit/s 4 wire to 300m at 100 Mbit/s |
| suitability for use                                                                                                                     | Ethernet transmission via 2, 4 and 8-wire line                                                                                                                                                                                                                                                                                                                              |
| suitability for operation                                                                                                               | Products with BusAdapter interface (requirement: the BusAdapter is approved in the firmware of the basic unit)                                                                                                                                                                                                                                                              |
| interfaces                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                             |
| number of electrical connections <ul style="list-style-type: none"><li>for network components or terminal equipment / maximum</li></ul> | 2                                                                                                                                                                                                                                                                                                                                                                           |
| number of 10/100 Mbit/s RJ45 ports                                                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                           |
| type of electrical connection <ul style="list-style-type: none"><li>for network components or terminal equipment</li></ul>              | RJ45                                                                                                                                                                                                                                                                                                                                                                        |
| operating mode <ul style="list-style-type: none"><li>standard Ethernet</li><li>VD</li></ul>                                             | Yes<br>Yes; Depending on number of wires (2, 4 or 8-wire)                                                                                                                                                                                                                                                                                                                   |
| last modified:                                                                                                                          | 12/15/2020                                                                                                                                                                                                                                                                               |