

product type designation

product description



BA 2xRJ45VD HA

BusAdapter VD

***** spare part ***** BA 2xRJ45VD HA, bus adapter VDD (variable distance), for Ethernet communication via 2, 4 or 8-wire copper cables, 2xRJ45 sockets for Industrial Ethernet and PROFINET, extended temperature range -40 °C...+70 °C, conformal coating, installation altitude up to 4000 m, distances up to 2 wire up to 1000 m at 10 Mbps 2 wire up to 100 m at 100 Mbps 4 wire up to 300 m at 100 Mbps 8 wire up to 500 m at 100 Mbps .

product brand name

SCALANCE

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

- for network components or terminal equipment / maximum

2

number of 10/100 Mbit/s RJ45 ports

2

type of electrical connection

- for network components or terminal equipment

RJ45

operating mode

- standard Ethernet
- VD

Yes

Yes; Depending on number of wires (2, 4 or 8-wire)

standards, specifications, approvals

certificate of suitability

- CCC / for hazardous zone according to GB standard
- CCC / for hazardous zone according to GB standard / as marking

Yes; GB3836.1, GB3836.8

Ex nA IIC T4 Gc

further information / internet links

internet link

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/109766358>

<https://www.siemens.com/tstcloud>

<https://www.siemens.com/simatic-net>

<https://sieportal.siemens.com/>

<https://www.automation.siemens.com/bilddb>

<https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

General Product Approval



[Declaration of Con-
formity](#)



For use in hazardous locations



[FM](#)

[CCC-Ex](#)

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