SIEMENS

product type designation	**BA 2xRJ45VD HA**
product description	BusAdapter VD

BA 2xRJ45VD HA, bus adapter VVD (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 4000m, distances up to 2 wire up to 1000 m at 10 Mbit/s 2 wire up to 100 m at 100 Mbit/s 4 wire up to 300 m at 100 Mbit/s 8 wire up to 500 m 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	
● 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	Yes
● VD	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	Yes

further information / internet-Links

Internet-Link	
● to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool

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