

Operating and Monitoring Systems

Peripherals UB03

Ethernet extender

UB03-Z1-CON-UTP Art. No. 274901



- Ethernet extender for Zone 1, Zone 21, EPL Gb, Db
- Extension of the distance for Ethernet copper cable connections

MY R. STAHL UB03CONUT-PA



The UB03-Z1-CON-UTP is an Ethernet extender that can be used to extend the LAN copper cables' limited distance of 100 m to up to 250 m (1x twisted pair).

A fixing frame for the installation of the extender is included in the delivery of the UB03-Z1-CON-UTP.

Available counterparts are the VI-UTP-2300A Ethernet extender PoE or the series UTP Vigitron extender with identical construction.

The UB03-Z1-CON-UTP devices' immunity level corresponds to "Industrial Grade", that of the Vigitron Extenders to "Commercial Grade", according to the manufacturer.

Technical Data

Explosion Protection

Scope	EU (CE / ATEX) International (IECEX) China (CCC / CNEx) China (CCC / CNEx) EU (CE / ATEX) International (IECEX) China (CCC / CNEx)
Certificates and approvals	ATEX IECEX China (CCC / CNEx) India (BIS) Kanada (CSA) Korea (KCC) UKEX USA (FM) USA (UL)

Electrical Data

Voltage range DC	4.75 to 30 V DC
Voltage range AC	0
Rated operational power	2 W
Transmission path	CAT7 cable (1 pair), 10/100Base-TX
Distance	250 m
Remote station	UB03-Z1-CON-UTP or VI-UTP-2300A
Um max. input voltage	250 V AC

Auxiliary Power

Power supply	5 V DC/24 V DC
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Auxiliary Power

Nominal current	0.4 A
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Ambient Conditions

Ambient temperature	-40 °C ... +70 °C
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Mechanical Data

Version	01
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Degree of protection (IP)	IP66
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Front enclosure protection type (IP)	IP66
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Rear enclosure protection type (IP)	IP66
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Enclosure	UB03
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Enclosure material	Aluminium
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Wall thickness	1 – 5 mm
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Cable length	0 m
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Maximum cable length	250 m
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Width	125 mm
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Height	185 mm
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Depth	55 mm
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Mounting depth	54.2 mm
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Mounting cut-out width	110 mm
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Mounting cut-out height	170 mm
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Cut-out tolerance	+0.5 mm / -0.3 mm
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Front plate	Polyester on aluminium
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Installation location	Panel/enclosure
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Mounting / Installation

Mounting orientation	any
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Connection type	Screw terminals
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Connection type 1	2.5 mm ² green
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Max. USA solid connection terminals	22 AWG
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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.