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Find the *Hirschmann Mini-OTDE-BFOC* at our website: *Click HERE*

Product overview







Transceiver

Product				
Type	**KTDE-V**		**Mini-KTDE-BNC**	**Mini-OTDE-BFOC**
Order No.	943 258-001		943 331-001	943 303-022
Function				
Description of functions	ETHERNET transceiver for coaxial Transceiver interface (AUI) in accordance with IEEE 802.3 and ISO/IEC 8802-3, Coaxial interface (10BASE5) in accordance with IEEE 802.3		ETHERNET transceiver for coaxial Transceiver interface (AUI) in accordance with IEEE 802.3 Coaxial interface (10Base2) in accordance with IEEE 802.3 Can be plugged into AUI socket	ETHERNET transceiver for fiber-optic Transceiver interface (AUI) in accordance with IEEE 802.3 Optical interface (10BaseFL) in accordance with IEEE 802.3 Can be plugged into AUI socket
Interfaces				
Port type and quantity	1 x 10Base5, coaxial cable, vampire terminal (piercing tap) 1 x AUI port with Sub-D plug, 15-pin		1 x 10Base2, coaxial cable, BNC socket, 1 x AUI port with Sub-D plug, 15-pin	1 x 10Base-FL, MM cable, ST (BFOC) socket, 1 x AUI port with Sub-D plug, 15-pin
Power supply/signal contact	Via AUI port		Via AUI port	Via AUI port
Network size – length of cable				
Transceiver cable (AUI cable)	0 -50 m		0 -50 m	0 -50 m
Twisted pair (TP)				
Multimode fiber (MM) 50/125 µm				0 - 2600 m 11 dB link budget at 850 nm A = 3 dB/km, 3 dB reserve, B = 400MHz*km
Multimode fiber (MM) 62.5/125 µm				0 - 3400 m 14 dB link budget at 850 nm A = 3.2 dB/km, 3 dB reserve, B = 200 MHz*km
Coaxial (CX)	0 -500 m		2.5 -185 m	
Network size – cascadibility				
Propagation equivalent	205 m		210 m	100 m
Power requirements				
Operating voltage	10 - 16 V DC		10 - 16 V DC	11.28 -15.75 V DC
Current consmption at 12 V DC (no signal)	250 mA		250 mA	80 mA
Service				
Diagnostics	LEDs (power, data, collisions)		LEDs (power, data, collisions, link status, APX)	LEDs (power, data, collisions, link status)
Ambient conditions				
Operating temperature	0 °C to +50 °C		0 °C to +45 °C	0 °C to +45 °C
Storage/transport temperature	-25 °C to +85 °C		-20 °C to +80 °C	-20 °C to +80 °C
Relative humidity (non-condensing)	10% to 95%		10% to 95%	10% to 95%
Mechanical construction				
Dimensions (W x H x D)	100 mm x 33 mm x 92 mm		44 mm x 21 mm x 100 mm	44 mm x 21 mm x 91 mm
Mounting	Vampire terminal		Plug-in module	Plug-in module
Weight	480 g		160 g	160 g
Protection class	IP50 in installed state		IP50	IP50
EMC interference immunity				
EN 50082-1			EN 50082-1,	EN 50082-1
EN 50082-2	EN 50082-2		EN 50082-2	EN 50082-2
EMC emitted immunity				
EN 55022	EN 55022		EN 55022	EN 55022
Approvals				
cUL 1604 Class 1 Div 2	cUL 1604 Class 1 Div 2 (E203960)		cUL 1604 Class 1 Div 2 (E203960)	cUL 1604 Class 1 Div 2 (E203960)
cUL 60950	cUL 60950 (E168643)		cUL 60950 (E168643)	cUL 60950 (E168643)
FM 3611 Class 1 Div 2			FM 3611 Class 1 Div 2 (3005636)	
FM 3810			FM 3810 (3005636)	
Scope of delivery and accessories				
Scope of delivery	Device		Device	Device
Accessories			Wall mounting device for mini transceiver	Wall mounting device for mini transceiver

Product overview



Transceiver

Product				
Type	**Mini-UTDE-RJ45**			
Order No.	943 270-002			
Function				
Description of functions	ETHERNET transceiver for twisted pair Transceiver interface (AUI) in accordance with IEEE 802.3, Twisted pair interface (10Base-T) in accordance with IEEE 802.3, Auto-partitioning/reconnection function, Can be plugged into AUI socket			
Interfaces				
Port type and quantity	1 x 10Base-T, TP cable, RJ45 socket, 1 x AUI port with Sub-D plug, 15-pin			
Power supply/signal contact	Via AUI port			
Network size – length of cable				
Transceiver cable (AUI cable)	0 -50 m			
Twisted pair (TP)	0 -100 m			
Multimode fiber (MM) 50/125 µm				
Multimode fiber (MM) 62.5/125 µm				
Coaxial (CX)				
Network size – cascadibility				
Propagation equivalent	140 m			
Power requirements				
Operating voltage	11.28 to 15.75 V DC			
Current consmption at 12 V DC (no signal)	60 mA			
Service				
Diagnostics	LEDs (power, data, collisions, link status, APX)			
Ambient conditions				
Operating temperature	0 °C to +50 °C			
Storage/transport temperature	-20 °C to +80 °C			
Relative humidity (non-condensing)	10% to 95%			
Mechanical construction				
Dimensions (W x H x D)	44 mm x 21 mm x 82 mm			
Mounting	Plug-in module			
Weight	160 g			
Protection class	IP50			
EMC interference immunity				
EN 50082-1	EN 50082-1			
EN 50082-2	EN 50082-2			
EMC emitted immunity				
EN 55022	EN 55022			
Approvals				
cUL 1604 Class 1 Div 2	cUL 1604 Class 1 Div 2 (E203960)			
cUL 60950	cUL 60950 (E168643)			
FM 3611 Class 1 Div 2	FM 3611 Class 1 Div 2 (3005636)			
FM 3810	FM 3810 (3005636)			
Scope of delivery and accessories				
Scope of delivery	Device			
Accessories	Wall mounting device for mini transceiver			

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