DTE810

RFID evaluation unit UHF

DTEUHFE_ABRWEIUS04

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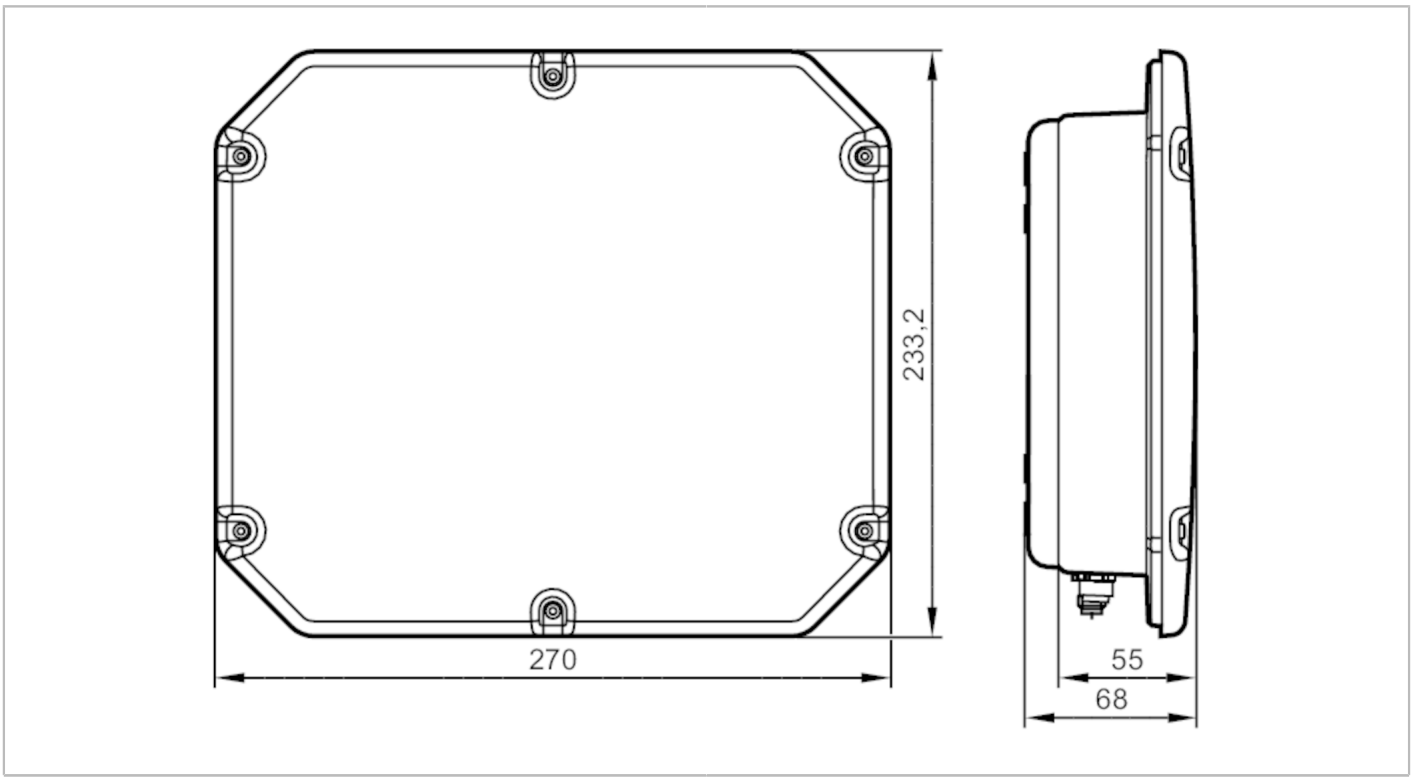

CE

Application		
Radio approval for		EU/RED
Note on radio approval		The list of countries applying the European Radio Equipment Directive 2014/53/EU (RED) can be found under “Downloads”.
Electrical data		
Operating voltage	[V]	24 DC
Current consumption	[mA]	700
Operating frequency	[MHz]	865...868 (ETSI); (India: 865...867 MHz The operating frequency is activated by importing the corresponding configuration file.)
Antenna connections		4; (TNC Reverse)
RFID standard		EPC Class1 GEN2/ISO 18000-6C
Transmission power ERP	[mW]	2000
Impedance	[Ω]	50
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4; Number of digital outputs: 4
Inputs		
Number of digital inputs		4
Outputs		
Number of digital outputs		4
Max. current load per output	[mA]	500

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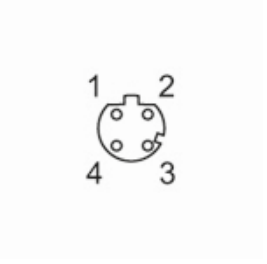
Software / programming			
Parameter setting options		Software	
Interfaces			
Communication interface		Ethernet	
Ethernet			
Protocol		TCP/IP; IP	
Operating conditions			
Ambient temperature	[°C]	-25...55	
Storage temperature	[°C]	-25...85	
Protection		IP 65	
Mechanical data			
Weight	[g]	3056	
Housing		rectangular	
Dimensions	[mm]	233.5 x 270 x 68	
Materials		housing: aluminium; Protective cover: plastics; TNC socket: brass / PTFE; connector: brass / plastic	
Displays / operating elements			
Display		operation	1 x LED, red/green
Remarks			
Pack quantity		1 pcs.	
Electrical connection - Ethernet			

Connector: 1 x M12; coding: D



1	TD+
2	RD+
3	TD-
4	RD-

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Electrical connection - Process connection

Connector: 1 x M12; coding: A

1	switching output CMN
2	switching input 3 / switching input 0
3	switching input CMN
4	0 V
5	U+
6	switching output 3 / switching output 1
7	switching output 2 / switching output 0
8	switching input 2 / switching input 1

Electrical connection - current supply

Connector: 1 x M12; coding: A

1	U+
2	n.c.
3	0 V
4	n.c.