

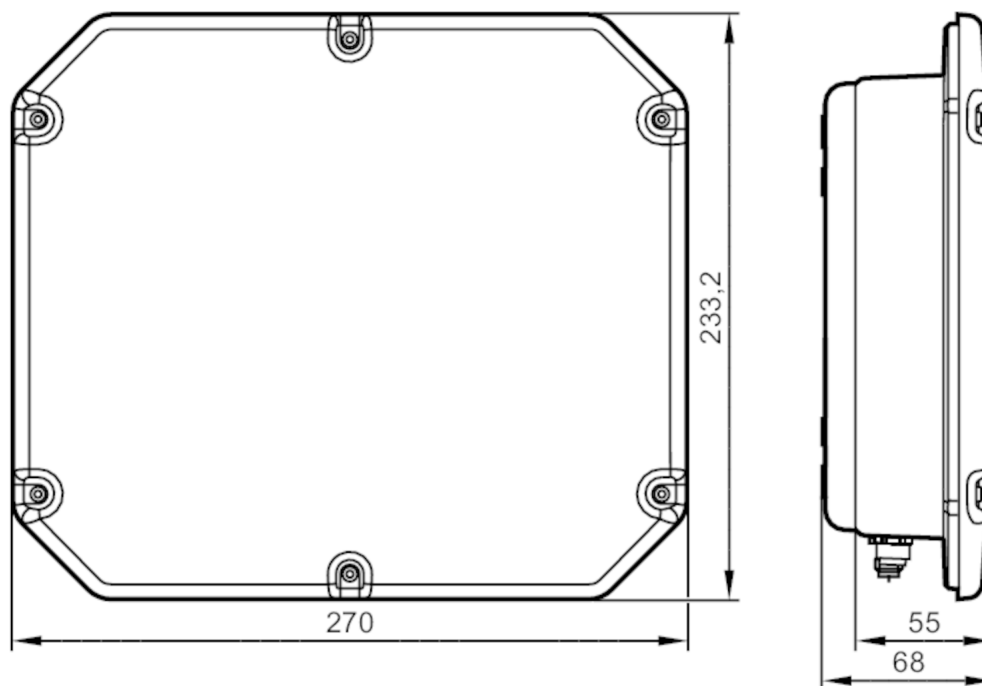
DTE920



RFID evaluation unit UHF

DTEUHFEAABRWEIUS04

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Application

Radio approval for	Australia
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Electrical data

Operating voltage	[V]	24 DC
Current consumption	[mA]	700
Operating frequency	[MHz]	916...927
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
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Inputs

Number of digital inputs	4
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Outputs

Number of digital outputs	4	
Max. current load per output	[mA]	500

Detection zone

RSSI threshold	adjustable via software
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Software / programming

Parameter setting options	Software
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Interfaces		
Communication interface		Ethernet
Ethernet		
Protocol	TCP/IP; IP	
Usage type	parameter setting	
Ethernet - EtherNet/IP		
Protocol	EtherNet/IP	
Usage type	data transmission	
Operating conditions		
Ambient temperature	[°C]	-25...55
Storage temperature	[°C]	-25...85
Protection	IP 65	
Mechanical data		
Weight	[g]	3109
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		
		
1	TD+	
2	RD+	
3	TD-	
4	RD-	



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.