

Overview

Device name	Subsystem	Device address	Art. No.	Serial No.	Software
SYSTEM-1:					
iso685-D	1	0	B91067010	2110549597	D438 V1.29, D437 V1.27

1-0 iso685-D

1-0 iso685-D / Alarm settings

	Current value
Profile	Power circuits
System type	DC
Coupling	none
t(start)	0 s
Coupling monitoring	on
Behaviour when inactive	Keep state

1-0 iso685-D / Alarm settings / Insulation alarm

	Current value
Ins. alarm 1	110 k Ω
Ins. alarm 2	37 k Ω
Memory	on

1-0 iso685-D / Alarm settings / DC alarm

	Current value
Alarm	off
U(DC-E)	65 V

1-0 iso685-D / Alarm settings / Digital input [1...3]

	Digital 1	Digital 2	Digital 3
Mode	Active high	Active low	Active high
t(on)	100 ms	100 ms	100 ms
t(off)	100 ms	100 ms	100 ms
Function	Test	RESET	Deactivate device

1-0 iso685-D / Alarm settings / Outputs / Relay [1...2]

	Relay 1	Relay 2
TEST	on	on
Relay mode	N/C	N/C
Function 1	Ins. alarm 1	Ins. alarm 2
Function 2	Connection fault	Device error
Function 3	off	Connection fault

1-0 iso685-D / Alarm settings / Outputs / Digital output [1...2]

	Digital 1	Digital 2
TEST	off	off
Mode	Active	Passive
Function 1	off	off
Function 2	off	off
Function 3	off	off

1-0 iso685-D / Alarm settings / Outputs / Buzzer

	Current value
TEST	off
Function 1	off
Function 2	off
Function 3	off

1-0 iso685-D / Alarm settings / Outputs / Analogue

	Current value
Mode	0-20mA
Scale centre	28 k Ω
TEST	off
Function	Insulation value

1-0 iso685-D / Data meas. values

	Current value
R	[OK]R Insulation fault
R min.	[OK]R min. Insulation fault > 20 MΩ
Ce	[OK]Ce Capacitance --
U(1-2)	[OK]U(1-2) Voltage --
U(3-1)	[OK]U(3-1) Voltage --
U(2-3)	[OK]U(2-3) Voltage --
U(1-E)	[OK]U(1-E) Voltage --
U(2-E)	[OK]U(2-E) Voltage --
U(3-E)	[OK]U(3-E) Voltage --
f	[OK]f Frequency --
U(DC-E)	[OK]U(DC-E) DC offset voltage V

1-0 iso685-D / Data meas. values / Dig. in/out

	Current value
Level of digital input 1	2
Level of digital input 2	2
Level of digital input 3	2
Level of digital output 1	0
Level of digital output 2	0

1-0 iso685-D / Data meas. values / Relay

	Current value
Function of relay 1	Alarm
11-12 closed	11-12 closed
Function of relay 2	Alarm
21-22 closed	21-22 closed

1-0 iso685-D / Control

	Current value
TEST	[X]
Reset	[X]
Start initial measurement	[X]
Device	Active

1-0 iso685-D / Settings / Clock

	Current value
Time	Mar 28, 2022 12:21:08 PM
Format	24
Summer time	CEST
Format	dd.mm.yy
NTP	off
NTP server	0.0.0.0
Offset	UTC +1:00

1-0 iso685-D / Settings / Interface

	Current value
Write access	Allow

1-0 iso685-D / Settings / Interface / Ethernet

	Current value
DHCP	off
IP	169.254.130.210
SN	255.255.255.0
Std.GW	192.168.0.1
DNS server	0.0.0.0
Domain	

1-0 iso685-D / Settings / Interface / BCOM

	Current value
System name	SYSTEM
Subsystem	1
Device address	0
Timeout	500 ms
TTL for subscription	3 s

1-0 iso685-D / Settings / Interface / Modbus TCP

	Current value
Port 502	on

1-0 iso685-D / Settings / Interface / RS485

	Current value
Mode	BS bus

1-0 iso685-D / Settings / Interface / RS485 / BS bus

	Current value
Address	3

1-0 iso685-D / Settings / Interface / RS485 / isoData

	Current value
Protocol	Mode 1

1-0 iso685-D / Settings / Interface / RS485 / Modbus RTU

	Current value
Address	100
Baud rate	19.2 kBaud
Parity	even
Stopbits	auto

1-0 iso685-D / Settings / Approve

	Current value
Profile	0

1-0 iso685-D / Settings / Edit texts / Device

	Current value
Device name	
Device failure	

1-0 iso685-D / Settings / Edit texts / Channels

	Alarm
Insulation fault	
Insulation fault	
Capacitance	
U(1-2)	
U(3-1)	
U(2-3)	
U(1-E)	
U(2-E)	
U(3-E)	
Frequency	
System connection	
Earth connection	
Device error	
Status	
DC shift value in percent	
Meas. quality	
R min.	
Symmetrical alarm	
DC- alarm	
DC+ alarm	
U(DC-E)	

1-0 iso685-D / Info / Device

	Current value
Device	iso685-D
Serial No.	2110549597
Art. No.	B91067010

1-0 iso685-D / Info / Version

	Current value
Software	438
Version	129
Software	437
Version	127

1-0 iso685-D / Info / Measurement

	Current value
Profile	Power circuits
System type	DC

1-0 iso685-D / Info / Clock

	Current value
Time	Mar 28, 2022 12:21:08 PM
Summer time	CEST

1-0 iso685-D / Info / Ethernet

	Current value
IP	169.254.130.210
DHCP	off
NTP server	0.0.0.0
MAC	e0aeb20224d8

1-0 iso685-D / Info / BCOM

	Current value
System name	SYSTEM
Subsystem	1
Device address	0

1-0 iso685-D / Info / RS485

	Current value
Mode	BS bus
BS bus	3
Modbus RTU	100
isoData	Mode 1