

Configuration of digital output and SMS alert TRB 141 FW VERSION

TRB1_R_00.07.02.7

The screenshot displays the configuration interface for the TRB141 device, specifically the INPUT/OUTPUT STATUS and INPUT/OUTPUT PINOUT sections. The interface is accessed via a web browser at the URL 192.168.2.1/#/services/io/general.

INPUT/OUTPUT STATUS

TYPE	ASSOCIATED PINS	STATE	INVERSION
Passive (Dry) input	1	Shorted	off on
Active (Wet) input	2	Low level	off on
Relay	3,4,5	Closed	-
Latching Relay	11,12,13	Closed	-
Isolated Input	8,16	High level	off on
Analog Current Loop	7	7.90 mA (24.5%)	-

INPUT/OUTPUT PINOUT

The PINOUT section shows a diagram of the 16 pins and their configurations:

- 1: Passive/Active input (Dry/Wet)
- 2: Passive/Active input (Dry/Wet)
- 3: Relay (Normally closed)
- 4: Relay (Common)
- 5: Relay (Normally open)
- 6: Ground
- 7: ADC (4-20mA)
- 8: Isolated input

GENERAL

INPUT

I/O	PIN TRIGGER	State	Actions
Analog Current Loop (7)	Inside 4mA - 15mA range	off on	[Edit] [Delete]
Analog Current Loop (7)	Outside 4mA - 15mA range	off on	[Edit] [Delete]

ADD NEW INSTANCE

ROLE: Analog Current Loop (7) [Add] [Save & Apply]

STATUS

NETWORK

SERVICES

SYSTEM

SERVICES

CLOUD SOLUTIONS

VPN

MOBILE UTILITIES

AUTO REBOOT

MODBUS

INPUT/OUTPUT

STATUS

I/O JUGGLER

POST/GET

SCHEDULER

DATA TO SERVER

EVENTS REPORTING

TRAFFIC LOGGING

DYNAMIC DNS

MQTT

SNMP

NTP









PACKAGE MANAGER

GENERAL


ACTIONS

CONDITIONS

ACTIONS

NAME	TYPE	
cmr_SMSection	SMS	 
cmr_SMSection2	SMS	 
cmr_relay_on	Output	 
cmr_relay_off	Output	 

ADD NEW INSTANCE

NAME	TYPE	
<input type="text"/>	Email	

ADD

SAVE & APPLY

Pre Dispatch

VIP HelpDesk

WhatsApp

Customer Ma

sicom3000a-in

BluBoxx CRM

Inward Inspect

Teltonika Net

+

192.168.2.1/#/services/io/juggler/action

Paused

BluBoxx CRM

RMS

help

Oriole Payroll

RUT240

HiveMQ

Cumulocity

TRB145 - 4G/LTE RS...

STATUS

NETWORK

SERVICES

SYSTEM

SERVICES

CLOUD SOLUTIONS

VPN

MOBILE UTILITIES

AUTO REBOOT

MODBUS

INPUT/OUTPUT

STATUS

I/O JUGGLER

POST/GET

SCHEDULER

DATA TO SERVER

EVENTS REPORTING

TRAFFIC LOGGING

DYNAMIC DNS

MQTT

SNMP

NTP





PACKAGE MANAGER

GENERAL


ACTIONS

CONDITIONS

CONDITIONS

NAME	TYPE	
cmr_sms	ADC/ACL	 
cmr_sms2	ADC/ACL	 

ADD NEW INSTANCE

NAME	TYPE	
<input type="text"/>	I/O	

ADD

SAVE & APPLY

Pre Dispatch

VIP HelpDesk

WhatsApp

Customer Ma

sicom3000a-in

BluBoxx CRM

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Teltonika Net

+

192.168.2.1/#/services/io/juggler/condition

Paused

BluBoxx CRM

RMS

help

Oriole Payroll

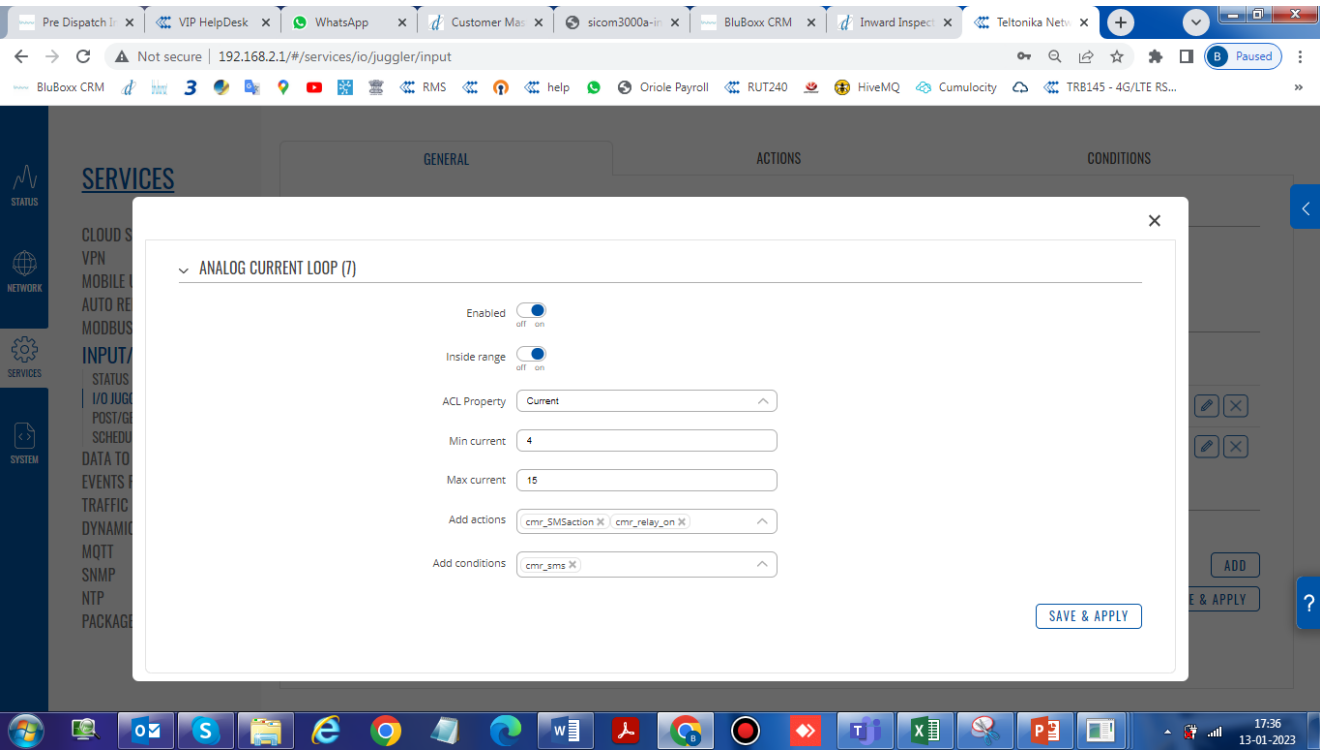
RUT240

HiveMQ

Cumulocity

TRB145 - 4G/LTE RS...

General setting



Action setting

The screenshot displays the BluBoxx CRM interface with the 'CMR_SMSACTION' configuration window open. The window is divided into three tabs: GENERAL, ACTIONS, and CONDITIONS. The ACTIONS tab is active, showing a list of variables and their corresponding actions. The 'Text message' field is set to 'analog current is inside the range'. The 'Execution delay' is set to 0. The 'Recipients' field is set to 'Single'. The 'Recipient's phone number' is set to '9175902180'. The 'Add conditions' field is set to 'cmr_sms X'. The 'SAVE & APPLY' button is visible at the bottom right of the window.

GENERAL

ACTIONS

CONDITIONS

CMR_SMSACTION

Type: SMS

Text message: analog current is inside the range

Execution delay: 0

Recipients: Single

Recipient's phone number: 9175902180

Add conditions: cmr_sms X

SAVE & APPLY

Variable	Action
Time stamp - %ts	UTC time in ISO - %it
Serial number - %sn	Mobile IP addresses - %mi
Monitoring status - %ms	Connection type - %ct
New line - %nl	IMSI - %im
Operator name - %on	Modem serial number - %is
Network state - %ns	RSCP - %rcp
Modem model - %md	SINR - %sr
SIM state - %st	CELLID - %ci
RSRP - %rp	Network serving - %sv
ICCID - %ic	Passive/Active input (Dry/Wet) (1) - %g1
Network Info - %ni	Passive/Active input (Dry/Wet) (2) - %g2
Analog Input (7) - %g1	Configurable Input/Output (3) - %g4
Configurable Input/Output (3) - %g4	Configurable Input/Output (4) - %g5
Relay (3,4,5) - %g7	Latching Relay (11,12,13) - %g8
	Wired WAN IP addresses - %wi
	Signal strength - %ss
	Data connection state - %cs
	IMEI - %ie
	SIM pin state - %ps
	ECIO - %ec
	RSRQ - %rq
	Neighbour cells - %nb
	Analog Current Loop (7) - %g0
	Passive/Active input (Dry/Wet) (2) - %g3
	Isolated Input (8,16) - %g6

SERVICES

GENERALACTIONSCONDITIONS

CMR_SMSACTION2

TypeSMS

Text messageanalog current outside range

Time stamp - %ts
Serial number - %sn
Monitoring status - %sms
New line - %nl
Operator name - %on
Network state - %ns
Modem model - %md
SIM state - %st
RSRP - %r
ICCID - %ic
Network Info - %ni
Analog Input (7) - %g1
Configurable Input/Output (3) - %g4
Relay (3,4,5) - %g7

Product code - %rn
Current FW version - %fc
UTC time in ISO - %it
Mobile IP addresses - %mi
Connection type - %ct
IMSI - %im
Modem serial number - %is
RSCP - %cp
SINR - %sr
CELLID - %ci
Network serving - %sv
Passive/Active input (Dry/Wet) (1) - %g2
Configurable Input/Output (4) - %g5
Latching Relay (11,12,13) - %g8

Device name - %pc
LAN IP address - %li
Wired WAN IP addresses - %wli
Signal strength - %ss
Data connection state - %cs
IMEI - %ie
SIM pin state - %ps
ECIO - %ec
RSRQ - %rq
Neighbour cells - %nb
Analog Current Loop (7) - %g0
Passive/Active input (Dry/Wet) (2) - %g3
Isolated Input (8,16) - %g6

Execution delay0

ADD
E & APPLY

SERVICES

GENERALACTIONSCONDITIONS

New line - %nl
Operator name - %on
Network state - %ns
Modem model - %md
SIM state - %st
RSRP - %r
ICCID - %ic
Network Info - %ni
Analog Input (7) - %g1
Configurable Input/Output (3) - %g4
Relay (3,4,5) - %g7

Mobile IP addresses - %mi
Connection type - %ct
IMSI - %im
Modem serial number - %is
RSCP - %cp
SINR - %sr
CELLID - %ci
Network serving - %sv
Passive/Active input (Dry/Wet) (1) - %g2
Configurable Input/Output (4) - %g5
Latching Relay (11,12,13) - %g8

Signal strength - %ss
Data connection state - %cs
IMEI - %ie
SIM pin state - %ps
ECIO - %ec
RSRQ - %rq
Neighbour cells - %nb
Analog Current Loop (7) - %g0
Passive/Active input (Dry/Wet) (2) - %g3
Isolated Input (8,16) - %g6

Execution delay0

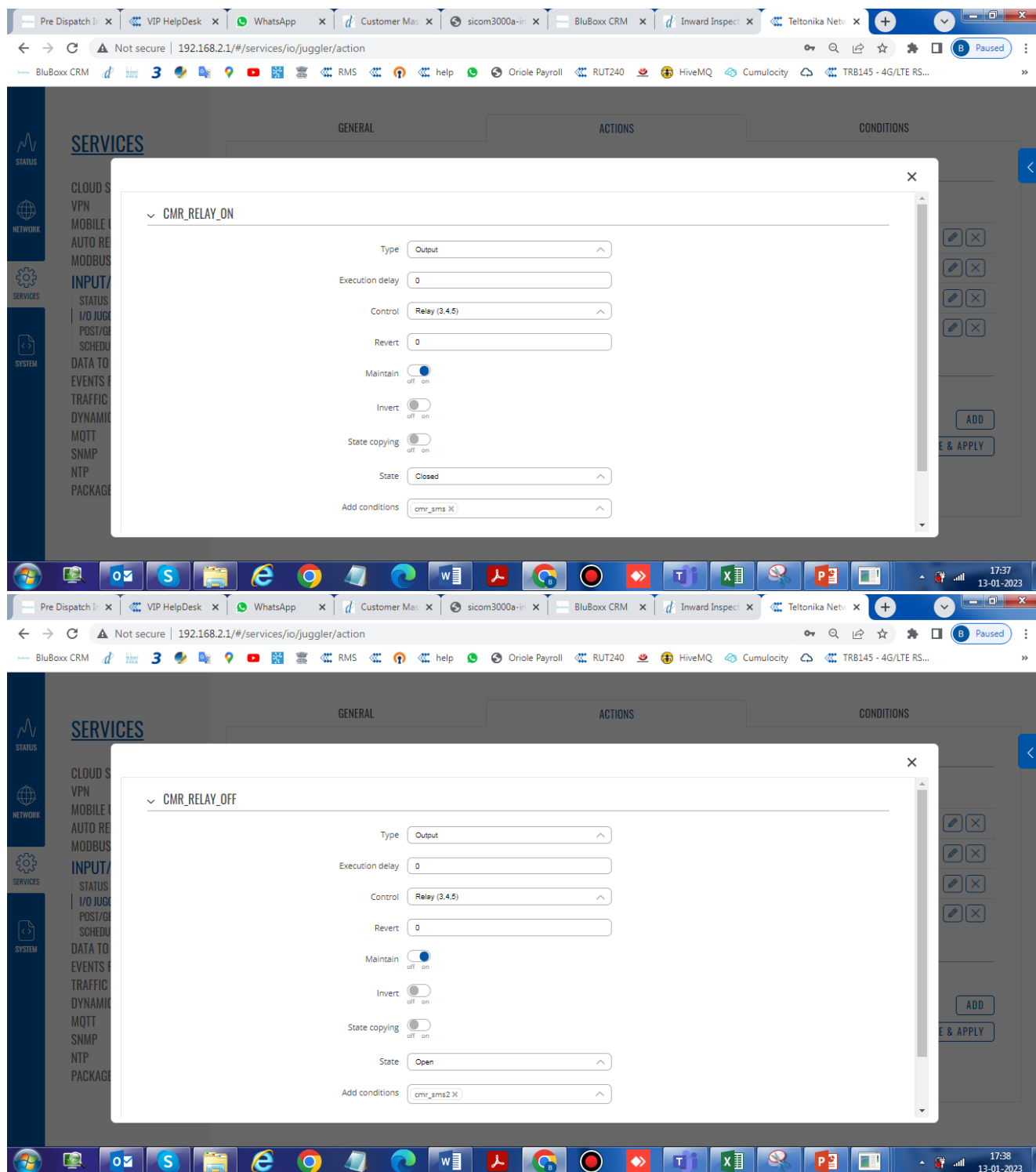
RecipientsSingle

Recipient's phone number9175902180

Add conditionscmr_sms2.X

SAVE & APPLY

17:37 13-01-2023



Condition

Pre Dispatch I x VIP HelpDesk x WhatsApp x Customer Mas x sicom3000a-in x BluBoxx CRM x Inward Inspect x Teltonika Net x +

Not secure | 192.168.2.1/#/services/io/juggler/condition

BluBoxx CRM 3 RMS help Oriole Payroll RUT240 HiveMQ Cumulocity TRB145 - 4G/LTE RS...

SERVICES

GENERAL ACTIONS CONDITIONS

CMR_SMS

Condition type: ADC/ACL

Input: Analog Current Loop (7)

Condition: Inside range

ACL Property: Current

Min current: 4

Max current: 15

SAVE & APPLY

Pre Dispatch I x VIP HelpDesk x WhatsApp x Customer Mas x sicom3000a-in x BluBoxx CRM x Inward Inspect x Teltonika Net x +

Not secure | 192.168.2.1/#/services/io/juggler/condition

BluBoxx CRM 3 RMS help Oriole Payroll RUT240 HiveMQ Cumulocity TRB145 - 4G/LTE RS...

17:38 13-01-2023

SERVICES

GENERAL ACTIONS CONDITIONS

CMR_SMS2

Condition type: ADC/ACL

Input: Analog Current Loop (7)

Condition: Outside range

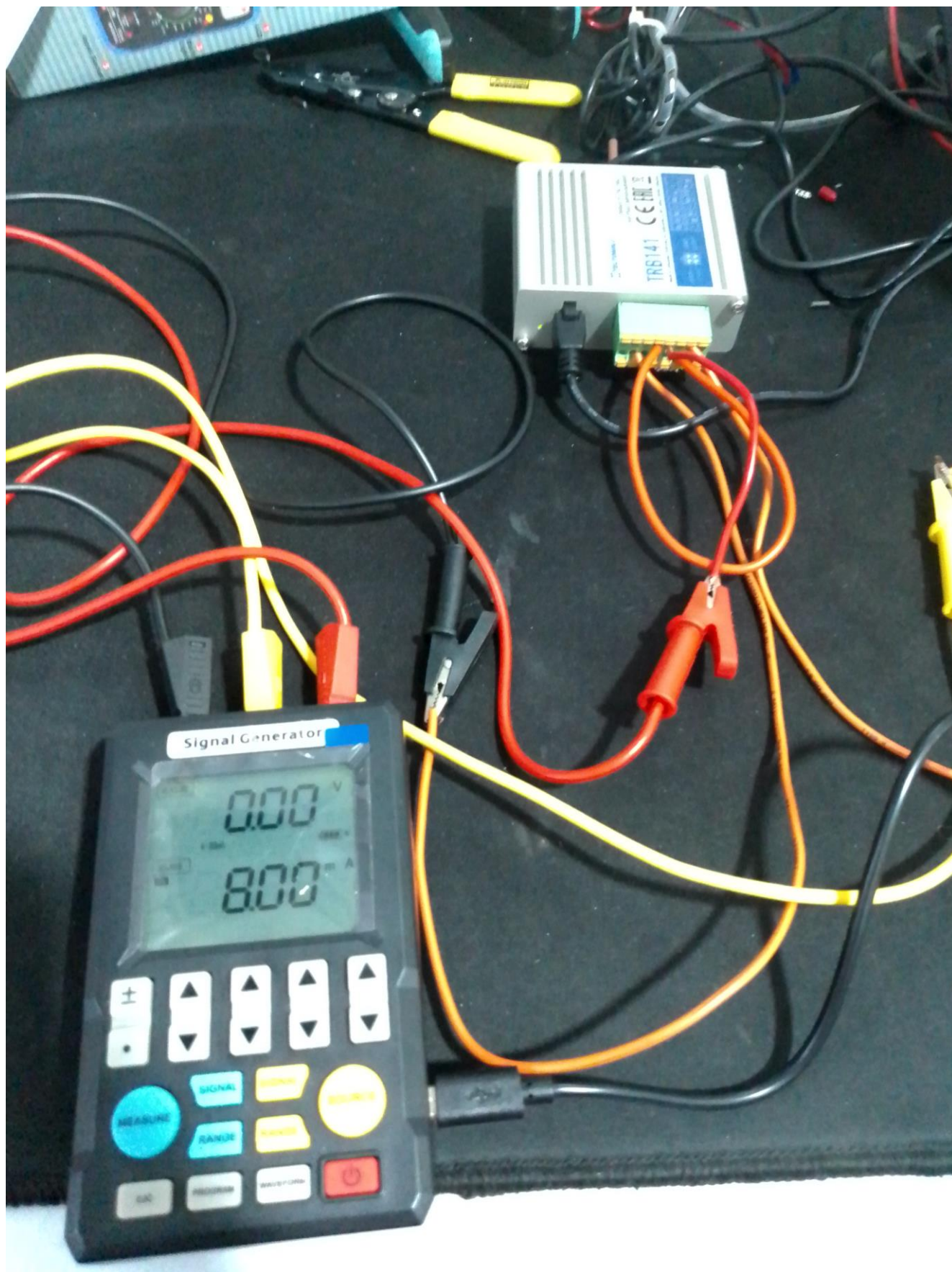
ACL Property: Current

Min current: 4

Max current: 15

SAVE & APPLY

17:38 13-01-2023





In this diagram pin no 14 and pin no 4 are will be short

I given the input on the pin no 7 is positive and pin no 10 negative

And got a output on pin no 5 and negative at pin no 10