

Datasheet

version 1.0

FTC05DALI



Touch panel for DALI units control

Screen size 5.7"

2x serial port RS-232, 1x RS-485;
to RS-232 is connected DALI232
converter

5 optional screens for scenes
control

Including DALI scenes, possible
sequence of DALI scenes

Adjustable screen for direct control
of DALI circuits and DALI groups

Multiple languages

Mounting into panel, under the
plaster or on the surface

Technical specification			
bus		DALI	
LCD display	technology	TFT LCD	
	screen	5.7"	
	resolution	320 x 240 (QVGA)	
	Number of colors	65536	
	Viewing angles (horiz/vertik)	160°/140°	
	brightness	800	cd/m ²
	contrast	800:1	
	backlight	LED	
	Lifetime of backlight	50000	hours
Power supply		18-32 (typicky 24)	V ss
Usual watage		12	W
Maximal current		1	A
touchscreen	technology	resistive	
	lifetime	1 million touches with silicon tip with diameter 8 mm	
conectors	Computer network	Ethernet 10/100Base-T	
	Serial ports	COM1 (RS-232), COM2 (RS-232), COM3 (RS-485)	
	USB ports	USB2.0, 1x Host, 1x Client	
	Memory card slot	SDHC	
Connection of serial port	RS-232	2-Rx, 3-Tx, 5-zem	
	RS-485	1-D-, 2-D+, 5-zem	
	DIP switch is set the same, types of port is set fixed		
Ingress protection degree		IP65 front panel	
Ambient working temperature		0 ÷ 50	°C
Storage temperature		-20 ÷ 60	°C
weight		0.8	kg
dimensions (width x height x depth)		195 x 148 x 44.4	mm
Dimensions of cut		189 x 142	mm

FTC05DALI is a touch panel for control of DALI units manufactured by Foxtron company. Connection to the DALI bus is done by **DALI232** unit manufactured by Foxtron company.

Touch panel allows full user configuration. By DALI system units is possible to control switchable and dimmable circuits (mostly used for lighting control). Another possibility is to control blinds which are in special subgroup of switchable circuits.

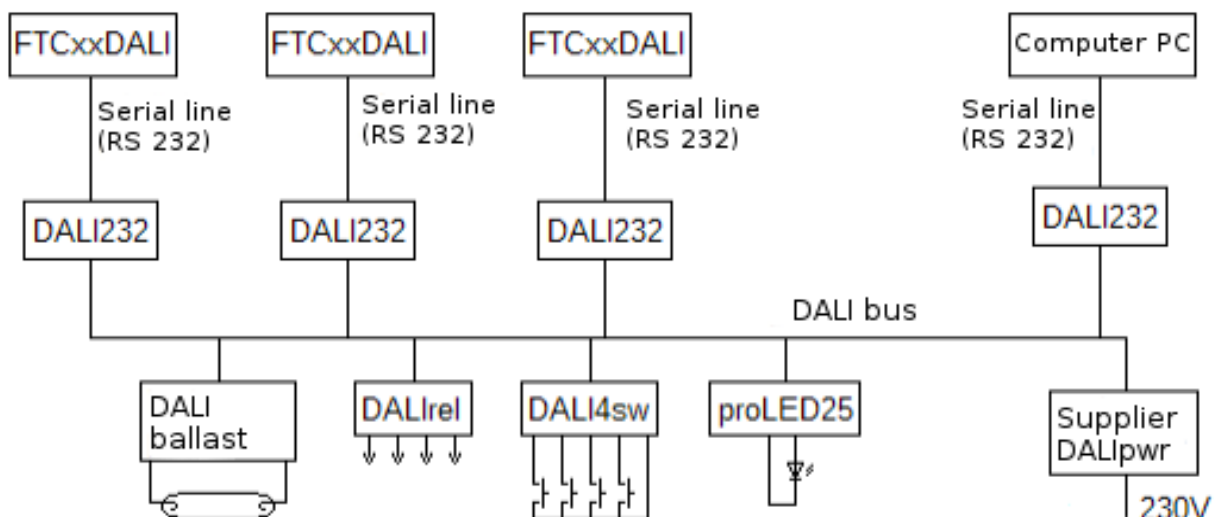
Each circuits (dimmable, switchable and blinds) can be directly controlled in the screens for direct control of light and blind circuits. Those screens allows to show and diagnose malfunction of those circuits.

Each circuits can be furthermore controlled as a bulk by scenes. Scenes can be induced by button on any of the five screens, automatically on time, by dusk or dawn and by switching off another circuit. Scenes are possible to concatenate and cycle. Also their induction can be affected by state of some circuit.

Touch panels can be connected to the computer network and from one touch panel can be controlled scenes which belongs to the other touch panel connected to the network. Control program can be also installed separately on PC with Windows operational system which can be connected also in the network as one control unit.

Touch panels in Basic version can be connect through the DALI bus so one panel can see activity of another and see for example last induced scene. Control program of touch panel can be installed separately in computer with Windows operation system and it can be also connected to the DALI bus as one of the control unit.

Schematic connection of the FTC panels in the computer network and to the DALI bus is on following picture:



Dimensions (in mm)

