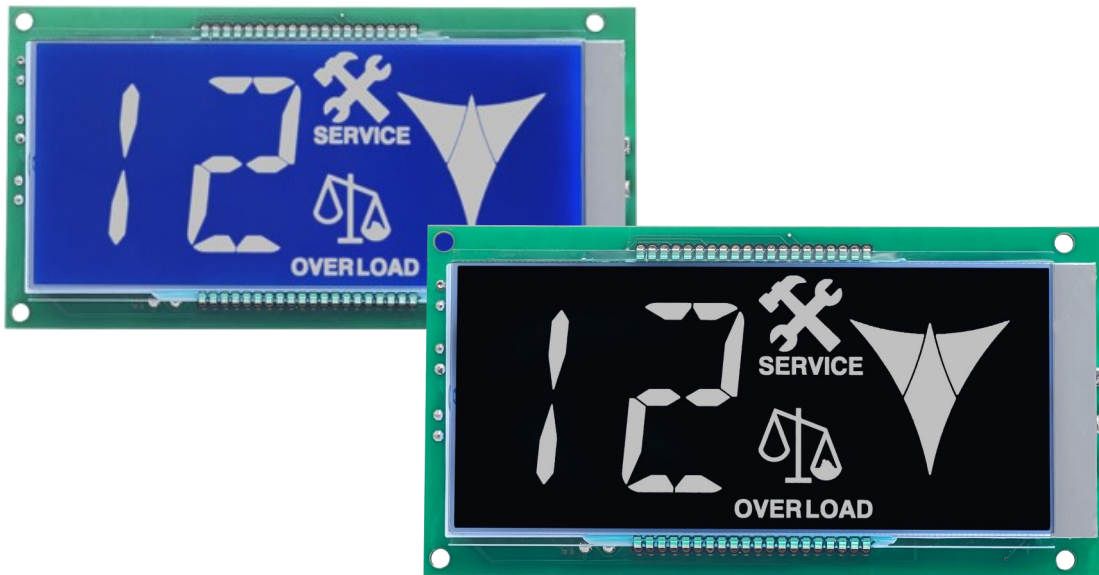


INTD0511

Monochrome Segment LCD
Floor Indicator



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Please read carefully the instructions in order to
get all the benefits of this device.

Monochrome
Segment LCD
Floor Indicator

INTD0511

www.pelekis.tech

Rev. 1.2 April 2019



Description:

The INTD0511 device is a high contrast , high quality segment monochrome STN-LCD display floor indicator display.

The device supports various lift controllers input formats, such as, ABCD, One Wire Per Floor, Gray, ABCD KONE. 2 different inputs formats can be selected by on board DIP switch on the back side of the board.

It can support up to 32 Floors from the 5 inputs ABCDE + arrows UP/Down.

Also 5 extra “special” inputs S1 to S5 provided for extending display number flexibility (application dependent), Overload and Service indication .

All inputs are optically isolated for maximum electrical safety, and standards compliance.

Features :

- Blue/White or Black/White LCD
- Up to 32 floor indication ready.
- Service and Overload alarm states and Buzzer Indication
- Up to 8 different control panel communication protocols.
- On board starting floor selection via dip switch.
- On board communication protocol selection via dip switch.
- On board mezzanine floor selection via dip switch.
- LCD contrast adjust.

Attention: Any action on the on board DIP switches, requires restart (power supply cycle ON-OFF) for the changes to take effect.



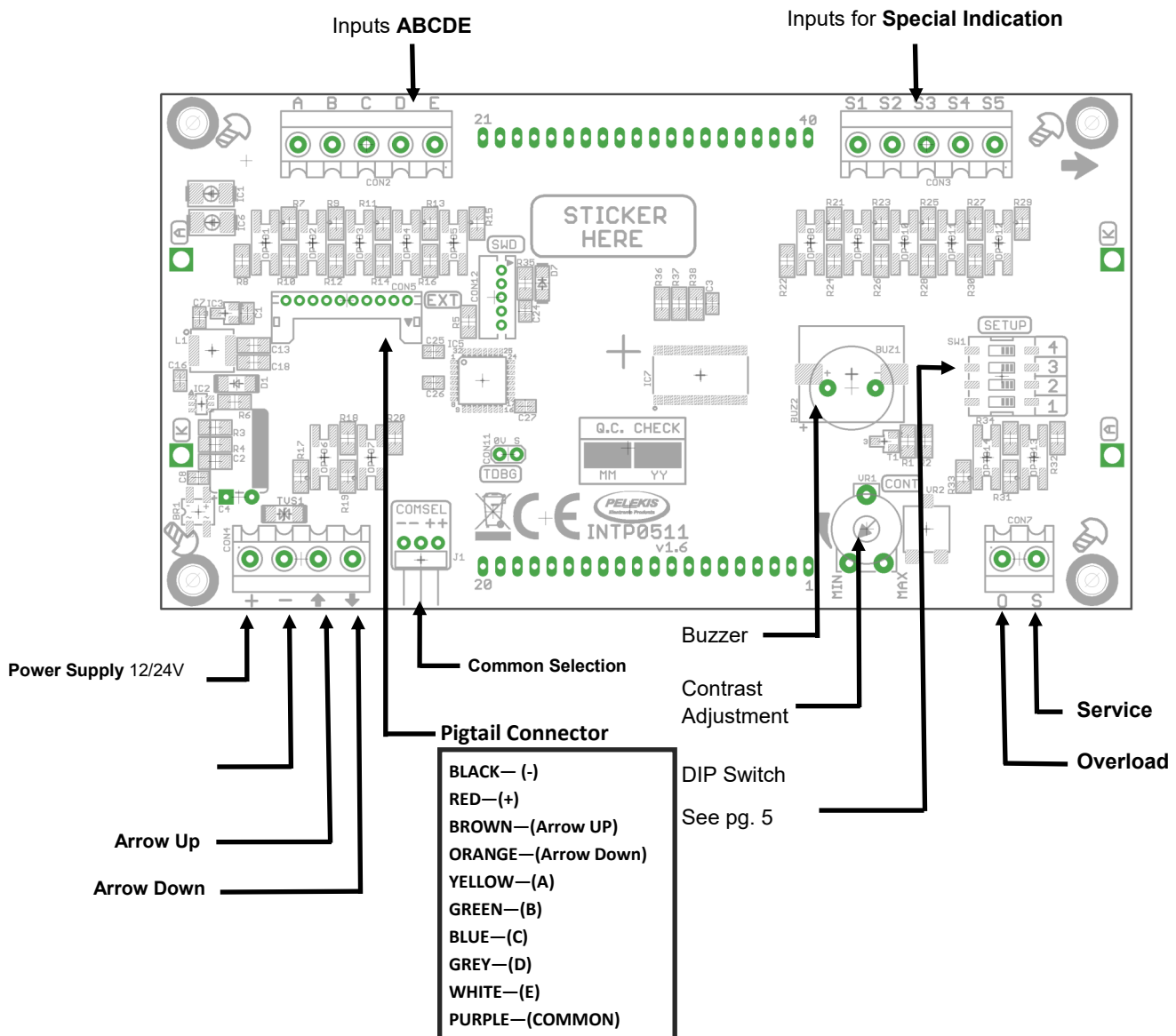
Specifications:

Power supply	12 to 24 V DC/AC
Current consumption	0.05A max (12V DC input/all segments on)
Display resolution	17 Segments + 4 Icons for Arrow UP/DOWN, Overload and Service
Color depth	1bit high quality monochrome
Color format	Blue background , White segments and icons
Input formats supported	<ul style="list-style-type: none"> • One wire per floor • Standard binary (ABCDE) • KONE binary (ABCDE) • Autinor Crep00 and Crep001 • Thyssen code • MEA NG12 • Magnet detector
Extra features	<ul style="list-style-type: none"> • On board buzzer for overload. • Starting floor indication offset selection using the on board DIP switches. Up to 3 floors margin. • Mezzanine floor indication selectable by on board DIP switch. • Floor input format selection using the on board DIP switch. Up to 2 input formats per device. • Optically isolated inputs. • 5 additional inputs for extending display floor number capability. • Contrast adjustment support.
Operation temperature	0-80°C
Operation humidity	10-80% (non condensing)
Dimensions (External)	75.7 x 144.9 x 21.95 mm (H x W x D)
Weight	150g

Wiring – Connection:

Connection to a lift controller using BCD input format, arrows UP/DOWN, overload, and service, as seen on figure 1.

(PCB as seen on bottom layer, behind LCD display screen).



DIP switch setup:

The device's on board DIP switch located on the back of the LCD screen display serve various functions for it, and are explained in detail below (*DIP switch layout*).

A/A	Dip Switch			BCD
	1	2	3	
1	OFF	OFF	OFF	-3,-2,-1,0,H,1,2,3,4,5,6,7,8,9
2	OFF	ON	OFF	-3,-2,-1,,1,2,3,4,5,6,7,8,9
3	OFF	OFF	ON	-2,-1,0,H,1,2,3,4,5,6,7,8,9
4	OFF	ON	ON	-2,-1,0,1,2,3,4,5,6,7,8,9
5	ON	OFF	OFF	-1,0,H,1,2,3,4,5,6,7,8,9
6	ON	ON	OFF	-1,0,1,2,3,4,5,6,7,8,9
7	ON	OFF	ON	0,H,1,2,3,4,5,6,7,8,9
8	ON	ON	ON	0,1,2,3,4,5,6,7,8,9



A/A	Dip Switch	Program Mode
	4	
1	ON	One wire per floor
2	OFF	Binary ABCD

Upon customer's request we can change the pre-defined protocols that the device be received.

Dip Switch	Program Mode
4	
ON	Binary for Kone
OFF	Binary ABCD

Dip Switch	Program Mode
4	
ON	Binary ABCD
OFF	Magnet

Dip Switch	Program Mode
4	
ON	Autinor Crep00
OFF	Autinor Crep01

Dip Switch	Program Mode
4	
ON	Binary ABCD
OFF	Gray Code

Attention: Any action on the on board DIP switches, requires restart (power supply cycle ON-OFF) for the changes to take effect.



Technical Support:

For further technical support of LCD - INTD0511 , please communicate with the local distributor or communicate direct with PELEKIS Electronics

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