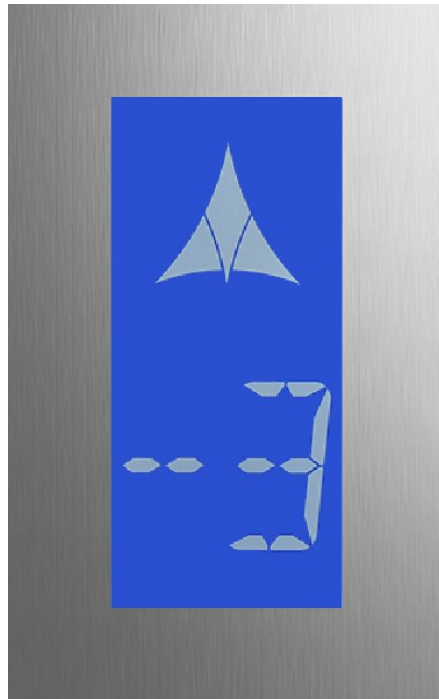




INTD0512

Monochrome Segment LCD
Floor Indicator



- Page 2 Description - Features
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Please read these instructions carefully to get the most out of this device.

Monochrome
Segment LCD
Floor Indicator

INTD0512

www.pelekis.tech

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Description:

The INTD0512 is a high-contrast, high-quality monochrome STN-LCD segment floor indicator.

The device supports various lift controller input formats, such as BCD, One Wire Per Floor, Gray, and BCD KONE. Two different input formats can be selected using the on-board DIP switch located on the back of the board.

Additionally, 5 extra "special" inputs (S1 to S5) are provided for extending display number flexibility (application dependent).

The device also supports UP/DOWN arrow indication, as well as Overload and Service indicators.

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

Features :

- Up to 32 floor indication ready
- Service and Overload alarm states
- 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 adjustment

Attention: Any changes to the on-board DIP switches require a restart (power cycle ON-OFF) to take effect.



Specifications:

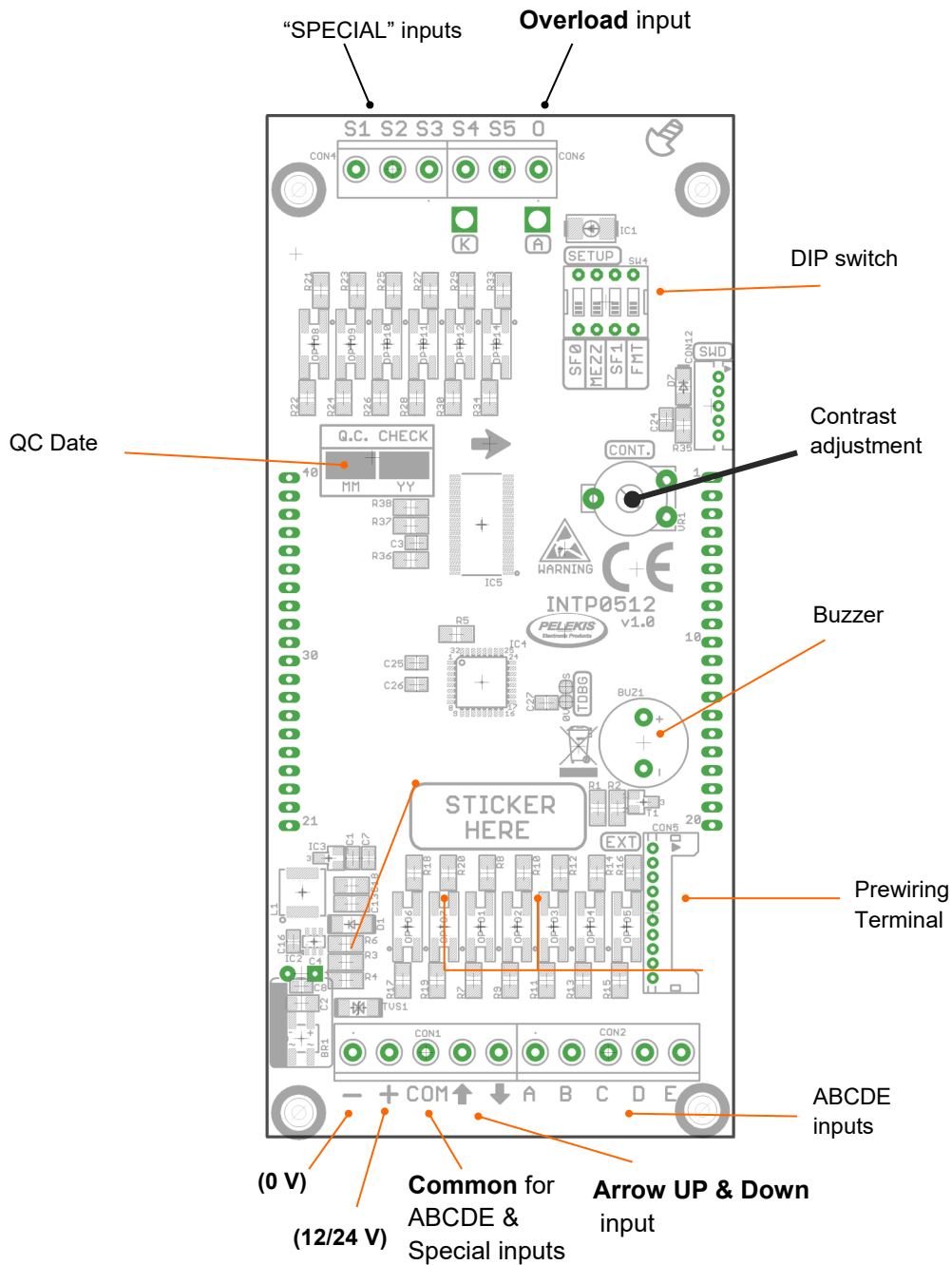
Power supply	12 to 24 V DC/AC
Current consumption	0.05A max (12V DC input/all segments on)
Display resolution	17 Segments + 4 Icons for Arrow UP/DOWN, Overload and Service
Color depth	1bit high quality monochrome
Color format	Blue background , White segments and icons
Input formats supported	<ul style="list-style-type: 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 via 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)	144.9 x 75.7 x 21.95 mm (H x W x D)
Weight	150g

Connection to a lift controller using BCD input format, UP/DOWN arrows, overload, and service, as shown in Figure 1.

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

Wiring – Connection:

Fig. 1.



ΣΥΝΔΕΣΜΟΛΟΓΙΑ ΟΡΟΦΟΕΝΔΕΙΞΕΩΝ ΜΕ ΠΡΟΚΑΛΩΔΙΟΜΕΝΗ ΦΥΣΑ

ΜΑΥΡΟ (-)

ΚΟΚΚΙΝΟ (+)

ΚΑΦΕ (ΤΟΞΟ ΠΑΝΩ)

ΠΟΡΤΟΚΑΛΙ (ΤΟΞΟ ΚΑΤΩ)

ΚΙΤΡΙΝΟ (Α)

ΠΡΑΣΙΝΟ (Β)

ΜΠΛΕ (C)

ΓΚΡΙ (D)

ΜΩΒ (ΓΕΝΙΚΟ)

ΛΕΥΚΟ ΧΡΗΣΙΜΟΠΟΙΕΙΤΑΙ ΜΟΝΟ ΣΤΙΣ ΣΥΣΚΕΥΕΣ ΠΟΥ ΕΧΟΥΝ ΥΠΕΡΒΑΡΟ

ΠΡΟΣΟΧΗ :

Συνδέστε το ΜΩΒ στο (-) ή στο (+), σύμφωνα με το Γενικό του Πίνακα

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*).

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,-1,0,1,2,3,4,5,6,7,8,9
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	BCD

Depends by Version

← *Scenario 1*

Or

Scenario 2

A/A	Dip Switch	Program Mode
	4	
1	ON	Binary for Kone
2	OFF	Binary

