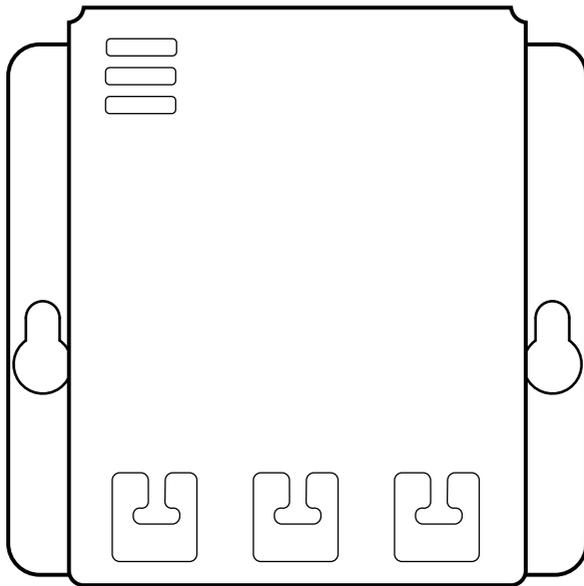


IPS manual



Technical data

Power supply:	20-30 VDC
Current consumption:	20 mA at 24 VDC
Size (H x W x D):	83 x 87 x 19 mm
Weight:	65 g
Bluetooth:	Bluetooth 4.0 BLE 2,4 GHz
USB:	Mini-B
IP code:	IP30
Operating Temperature:	+5°C – +40°C
Air Humidity:	30% – 90% RH
Min. speed:	0,4 m/s
Max. travel time between the lowest and highest floor:	40 sec
Max. number of floors:	12 floors

For more information on connection, please refer to the FD1600 Manual.

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General information

This unit was built with state-of-the-art technology and to generally recognised safety related technical standards currently applicable. These installation instructions are to be followed by all people working with the unit, in both installation and maintenance.

It is extremely important that these installation instructions are made available at all times to the relevant technicians, engineers or servicing and maintenance personnel. The basis prerequisite for safe handling and trouble free operation of this system is a sound knowledge of the basic and special safety regulations concerning conveyor technology, and elevators in particular. The unit may only be used for its intended purpose. Note in particular that, no unauthorised changes or additions may be made inside the unit or individual components.

Exclusion of liability

The manufacturer is not liable with respect to the buyer of this product or to third parties for damage, loss, costs or work incurred as a result of accidents, misuse of the product, incorrect installation or illegal changes, repairs or additions. Claims under warranty are likewise excluded in such cases. The technical data is the latest available. The manufacturer accepts no liability arising from printing errors, mistakes or changes.

Declaration of conformity

Download "The declaration of conformity" at our website: www.safeline-group.com

Safety Precautions!

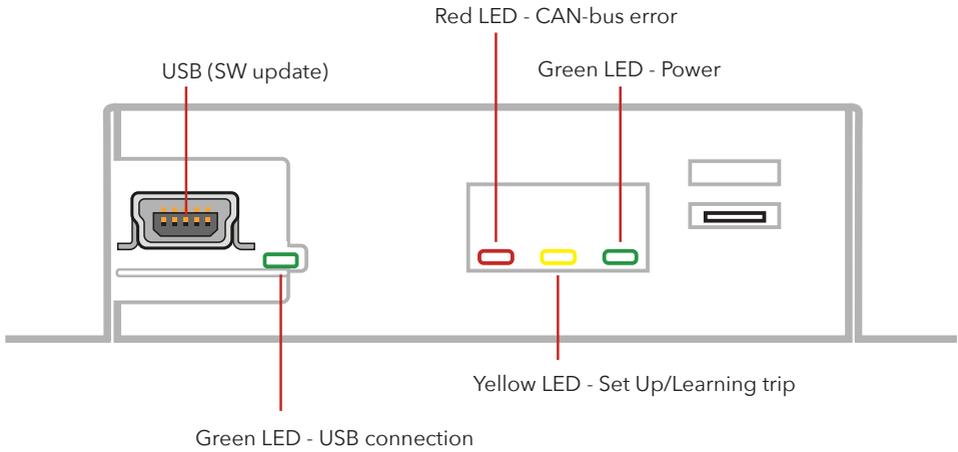
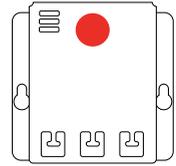
- Only trained professionals, who are authorised to work on the equipment, should install and configure this product.
- This quality product is dedicated for the lift industry. It has been designed and manufactured to be used for its specified purpose only. If it is to be used for any other purpose, SafeLine must be contacted in advance.
- It should not be modified or altered in any way, and should only be installed and configured strictly following the procedures described in this manual.
- All applicable health and safety requirements and equipment standards should be considered and strictly adhered to when installing and configuring this product.
- After installation and configuration this product and the operation of the equipment should be fully tested to ensure correct operation before the equipment is returned to normal use.

Electrical and electronic products may contain materials, parts and units that can be dangerous for the environment and human health. Please inform yourself about the local rules and disposal collection system for electrical and electronic products. The correct disposal of your old product will help to prevent negative consequences for the environment and human health.

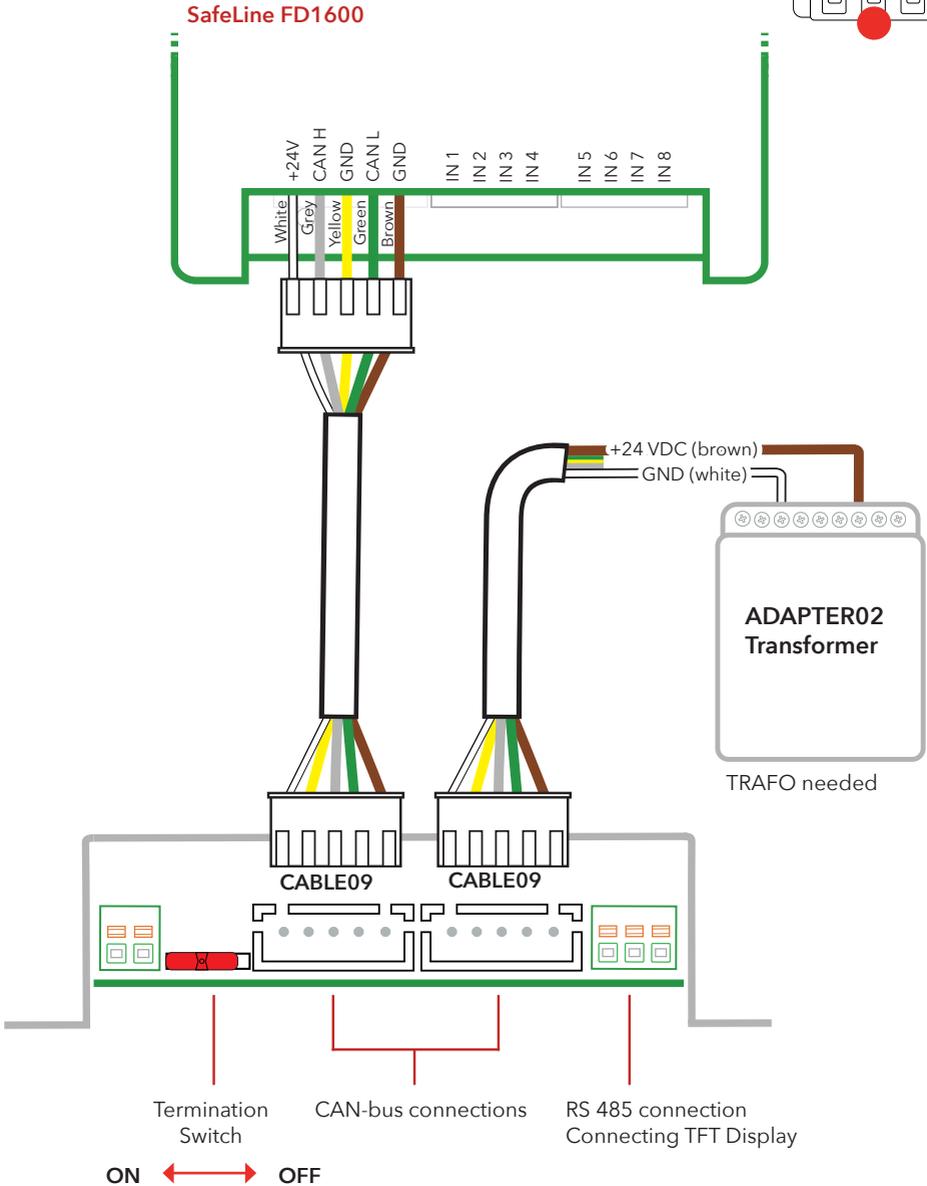
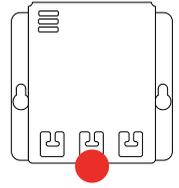


Overview

SafeLine IPS is to be mounted on the top of the car on a stable surface



Wiring diagram



EU Declaration of Conformity

Product: Independent positioning system for lifts
 Type / model: **SafeLine IPS**
 Article no: *IPS
 Manufacturer: SafeLine Sweden AB
 Year: 2017

We herewith declare under our sole responsibility as manufacturer that the products referred to above complies with the following EC Directives:

Directives

Radio Equipment (RED):	2014/53/EU
RoHS 2:	2011/65/EU

Standards applied

EN 12015:2014 EMC:	Emission, Electromagnetic compatibility
EN 12016:2013 EMC/Lifts:	Immunity, Electromagnetic compatibility
EN 62368-1:2014/AC:2015LVD:	Information Technology Equipment
EN 50581:2012	RoHS: Technical doc. for assessment of restriction of RoHS.

For RED 2014/53/EU, the conformity assessment procedure "Module A" used as described in Annex II. Accordingly, respective manufacturer has done the radio modules conformity assessment:

Module	Notified body	Address	NB nr	Test nr
CYW20736S	NTS Silicon Valley	41039 Boyce Road, Fremont, CA 94538, US	0214.26	R 104750/51

Standards applied

Article of Directive 2014/53/EU

EN 60950-1:2006+A11:2009+A1:2010+A12:2011	3.1 (a): Health and safety of the user
EN 62311:2008	
EN 301 489-1 v2.1.1 + EN 301 489-52v1.1.0 Draft	3.1 (B): Electromagnetic Compatibility
EN 301 489-17 V3.1.1	
EN 300 328 V2.1.1	3.2: Effective use of spectrum allocated

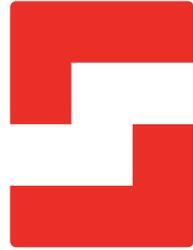
Firmware used during assessment

SafeLine IPS:	1.01
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Tyresö, 2017-04-07



Lars Gustafsson,
 Technical Manager, R&D , SafeLine Group



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