


CERTIFICATE
EU Type – Examination**According to Directive 2014/33/EU, (Module B, annex IV)**
Certificate No: LF/KSA/A-C-0136/ 17

Identification No of Certification body:

MIRTEC s.a  0437Name & Address
of the Certificate Holder :
of the Manufacturer:**HEDEFSAN ELEKTRONİK**
ASANSÖR TURZ. SAN ve TİC. LTD. ŞTİ.
FEVZİ ÇAKMAK MH. DEMİR CD. DORUK SANAYİ
SİTESİ NO: 15/D KARATAY / KONYA / TÜRKİYE
10/02/2017

Date of Submission for EU Type-Examination :

Product of Safety Component:

**Control circuit, as a part of a protection
system against unintended car movement
(UCMP) for monitoring and detection UCM**

Type:

HDONEXS

EU-Directive/ Applicable Norms:

2014/33/EU, annex I,
EN81-50:2014 5.8
EN81-20:2014 5.6.7
March 2017

Examination Period :

Test Laboratory & place :

Global Technology Laboratory,
ÇERKEŞLİ MAH. İMES OSB A4 BLOK No:2
DİLOVASI / KOCAELİ / İSTANBUL
LF/KSA/A-TR-0136/17, 30/3/2017

No & Date of laboratory Report:

Documents annexed :

Drawings & installation instructions

Field of application:

Annex I

Additional Information:The production of the safety component is under the surveillance of the certification body.
For all changes the certificate holder must inform the certification body.**Result of the examination - Declaration:****Herewith we certify that the type of the product mentioned above, meets the basic
requirements of the relevant Norms for the mentioned Field of application.**

Only the products detailed in the test report have been subjected to tests.

Date of issue :

21.04.2017

For MIRTEC S.A.

Certification department for lifts


I. DIMITRIADIS
Director of Athens office
C. SPILIOPOULOS
Inspector of LiftsEBETAM A.E.
CERT - safecomp / EN 02 (5.0 / 24.10.2016)
AET: 27714

ANNEX 1

Part of the EU Type examination LF/KSA/A-C-0136/17

Description lift component

- This control circuit operates for the protection against the unintended car movement. By using 2 sensors ML1 and ML2 the HDONEXS is detecting when the car is leaving the doorzone. If the doorlock circuit is open then the 2 relays RU1, RU1RTO which they are activated by the 2 sensors, deactivated. When the HDONEXS detects an UCM it gives a signal for the activation of the coil of the overspeed governor. The control circuit activates the coil of the governor by 2 independents relays, so that it cause the car to stop. The control circuit takes a feedback for the position of the coil by two switches and monitoring the 2 relays. If a failure detected at the relays, the lift is going out of order and after that the release or reset of the lift requires the intervention of a competent person. The leveling and releveling of the car with open doors also is being controlled from this system.

CONTROL CIRCUIT			
Manufacturer	HEDEFSAN ELEKTRONİK		
Type	HDONEXS		
Sensors	ML1, ML2	Response time: 10 milisec	Supplier: DENK OTOMASYON
Relays	RU1, RU1RTO	Response time: 60 milisec	Supplier: HONGFA

Conditions

The above mentioned safety component is a part of a system of protection against unintended car movement. In combination with a braking element which is also subjected to their type examination, and only then, fulfill the requirements in accordance with EN81-50:2014 5.8, EN81-20:2014 5.6.7.

Certification Dept. EBETAM

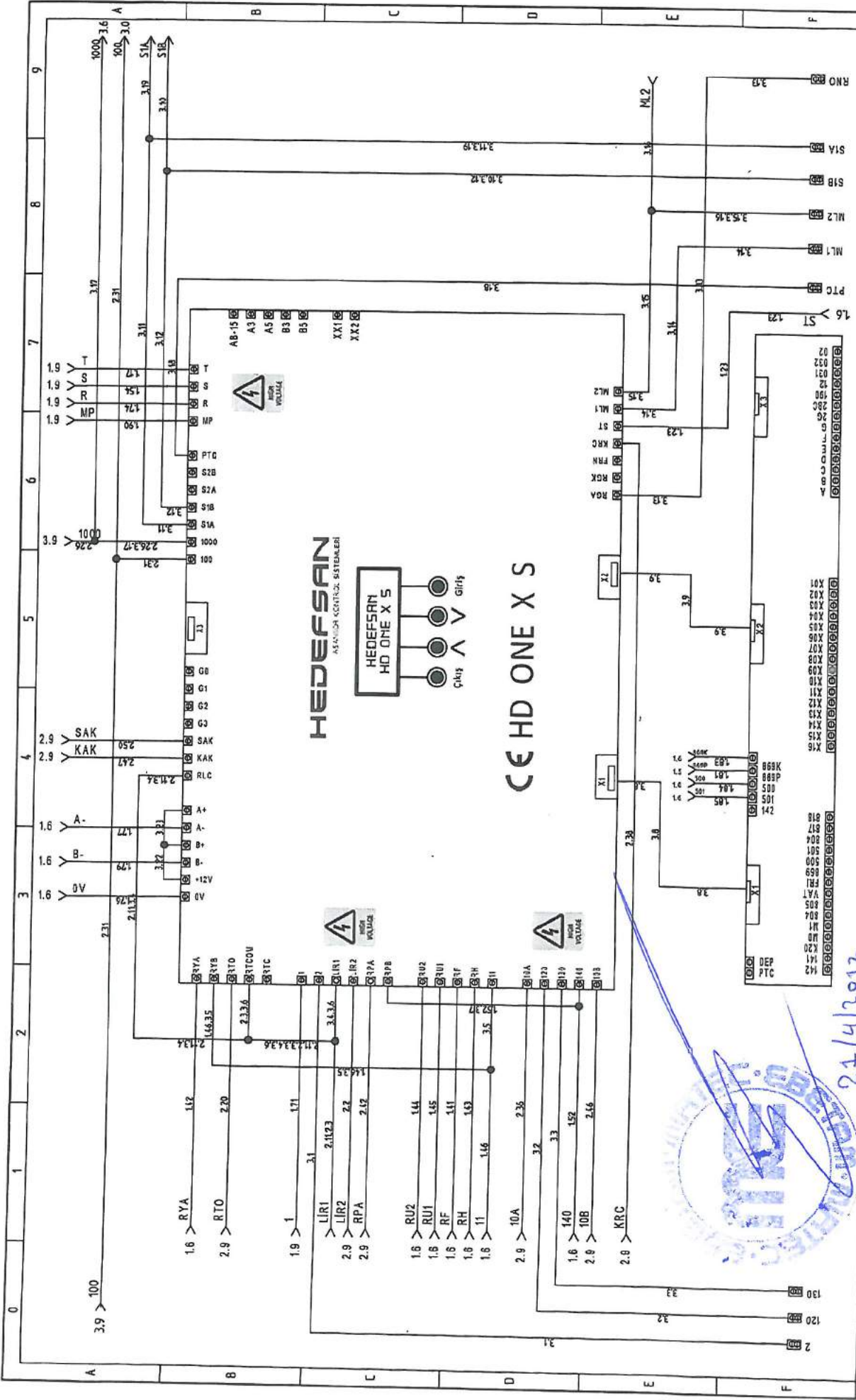
C. SPILIOPOULOS



EBETAM A.E.

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AET: 27714



		Proje adı:	LS NORMAL	Çizim no.:	3447	Rev.:	3
		Tarih:	05.01.2016	Fonksiyon:	Location:	Toplam Sayfa:	3
		KONTROL KARTI PROJESİ		Çizim Yayıncı:	Yunus KARALIOĞAÇ	Rev.:	3
				Çizim Yayıncı:	Ferdi TAŞKAYA	Toplam Sayfa:	3
				Tarih:	05.01.2016	Sonraki Sayfa:	3