



**TYPE APPROVAL CERTIFICATE**  
**N. ELE293013CS001**

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

<i>Description</i>	Electrical Relay (All-or-Nothing)
<i>Type</i>	Series 44
<i>Applicant</i>	FINDER SpA Via Drubiaglio 14 10040 Almese (TO) Italy
<i>Manufacturer</i>	FINDER SpA Via Drubiaglio 14 10040 Almese (TO) Italy
<i>Testing Standards</i>	RINA Rules for the Classification of Ships EN 61810-1:2008

Issued in Genova on September 26, 2013

This Certificate is valid until September 26, 2018

*Valerio Bonanni*

RINA Services S.p.A

*Valerio Bonanni*

Genova, September 26, 2013

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## TYPE APPROVAL CERTIFICATE

### N. ELE293013CS001

#### Main features

Monostable electromagnetic relays type **44.5.2.X.XXX.XXXX**

- Number of poles: 2
- Kind of contact: CO
- Rated contact voltage : 250 Va.c.
- Rated contact current: 6A @ 250Vac; 4,2A @ 250Vac  $\cos \varphi 0,4$
- Thermal Class Coil (IEC60085): F (155°C)
- Ambient temperature: -40°C to +85°C
- Rated impulse voltage: 4kV
- Pollution degree: 3
- Insulation material group (IEC 60664-1): IIIA
- Mounting: any position

Monostable electromagnetic relays type **44.6.2.X.XXX.XXXX**

- Number of poles: 2
- Kind of contact: CO
- Rated contact voltage : 250 Va.c.
- Rated contact current: 10A @ 250Vac; 7A @ 250Vac  $\cos \varphi 0,4$
- Thermal Class Coil (IEC60085): F (155°C)
- Ambient temperature : -40°C to +85°C
- Rated impulse voltage: 4kV
- Pollution degree: 3
- Insulation material group (IEC 60664-1): IIIA
- Mounting: any position

Coil rated voltage (Vd.c.) for **Type 44.5.2.X.XXX.XXXX** and **Type 44.6.2.X.XXX.XXXX** :  
4 ; 5 ; 6 ; 7 ; 9 ; 12 ; 14 ; 18 ; 21 ; 24 ; 28 ; 36 ; 48 ; 60 ; 80 ; 90 ; 110 ; 125 ; 145.

#### Reference documents

- IMQ Test report n. 02LJ00037 (2009/11/30)
- IMQ Test report n. 02LJ00037/1 (2009/11/30)
- FINDER General Catalogue 2013

Genova, September 26, 2013

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