



TYPE APPROVAL CERTIFICATE
N. ELE133611CS004



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 RELAYS
<i>Type</i>	Series 46
<i>Applicant</i>	FINDER S.p.A Via Drubiaglio 14 10040 Almese (TO) ITALY
<i>Manufacturer</i>	FINDER S.p.A Via Drubiaglio 14 10040 Almese (TO) ITALY
<i>Testing Standards</i>	EN 61810-1: 2008

Issued in **Genova** on **May 16, 2011**. This certificate is valid until **May 16, 2016**

RINA

Valerio Bonanni

Genova, May 16, 2011

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Series 46

Miniature relays Series 46.52.8.XXX.XXXX (*1) _ 2 Poles
Miniature relays Series 46.52.9.XXX.XXXX (*2) _ 2 Poles

Rated values	250 Vac 8 A; 30 Vdc 6 A (L/R=0)
Ambient temperature	-40 +70 °C
Type of operation	Continuous
Electrical operating cycles	100.000
Coil Insulation class	F
Coil control Vac range	6 to 240 Vac - 1,1VA (*1)
Coil control Vdc range	5 to 125; Vdc - 0,5 W (*2)

Miniature relays Series 46.61.8.XXX.XXXX (*3) _ 1 Pole
Miniature relays Series 46.61.9.XXX.XXXX (*4) _ 1 Pole

Rated values	440 Vac 10A; 250 Vac 16A; 30Vdc 12A (L/R=0)
Ambient temperature	-40 +70 °C
Type of operation	Continuous
Insulation class of coil	F
Electrical operating cycles	100.000 or 50.000 (according to contact material)
Coil control Vac range	6 to 240 Vac - 1,1 VA (*3)
Coil control Vdc range	5 to 125 Vdc - 0,5 W (*4)

Test reports

IMQ n. CA02.24030 (29/06/2005) updated on 07 /02/ 2011.
IMQ n. CA02.24031 (29/06/ 2005) updated on 07 /02/ 2011.
IMQ n. 02LJ00038 (30/11/2009)
IMQ n. 02LJ00038/1 (30/11/2009)

Technical documents

FINDER general catalogue.

Remarks

Electrical devices to be used according to the manufacturer instructions.

Genova, May 16, 2011

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