

TYPE APPROVAL CERTIFICATE

N. ELE358815CS002

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

Description	Modular Contactors and auxiliary contacts
Type	Contactors Series 22.32 and 22.34 Auxiliary contacts Series 22.33 and 22.35
Applicant	FINDER SpA Via Drubiaglio 14 10040 Almese (TO) Italy
Manufacturer	FINDER SpA Via Drubiaglio 14 10040 Almese (TO) Italy
Testing Standard	EN 61095:2009, EN 60947-5-1:2004+A1:2009

Issued in Genova, October 29 2015.

This certificate is valid until October 29, 2020

RINA Services S.p.A.

Valerio Bonanni

Genova, October 29, 2015

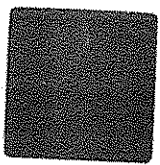
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RINA Services S.p.A.
Via Corsica, 12 - 16128 Genova



TYPE APPROVAL CERTIFICATE

N. ELE358815CS002



Product description

Modular contactors Series 22.32.0.XXX.XXX0 and 22.34.0.XXX.XXX0
and auxiliary contacts Series 022.33 and 022.35.

Technical data

Number of poles: 2, 4.
Rated operational voltage (Ue).
Rated insulation voltage (Ui): 250-440V.
Rated impulse withstand voltage (Uimp): 2.5kV (for contacts N.C.), 4kV (for contacts N.O.).
Conventional free air thermal current (Ith): 25A.
Rated operational currents (Ic): 10A, 25A.
Rated frequency: 50 Hz.
Utilization category: AC-7a, AC-7b, AC-7c.
Rated duties: continuous duty.
Insulation class of coil: F.
Rated conditional short-circuit current: 3 kA.
Type of associated protective device: fuse 32A (type gL/gG).
Terminals: screw terminals.

Control circuits

Kind of current: a.c./d.c.
Rated control circuit voltage (Uc): 6, 8, 12, 24, 48, 60, 110-125, 400 Vac/dc; 230-240 Vac; 220 Vdc.

22.32.0.XXX.XXX0 - 2 poles

Ue	Ic
440V	25A (AC-7a)
440V	10A (AC-7b)
400V	10A (AC-7c)

Contacts	Contacts material		Electrical number of cycles
N.O.	AgNi	AC-7a	70.000
N.C.			30.000
N.O./N.C.	AgSnO2		30.000
N.O./N.C.	AgNi & AgSnO2	AC-7b	30.000
N.O./N.C.	AgSnO2	AC-7c	30.000

22.34.0.XXX.XXX0 - 4 poles

Ue	Ic
440V	25A (AC-7a)
440V	10A (AC-7b)
400V	10A (AC-7c)

Contacts	Contacts material		Electrical number of cycles
N.O.	AgNi	AC-7a	150.000
N.C.			100.000
N.O./N.C.	AgSnO2		30.000
N.O./N.C.	AgNi & AgSnO2	AC-7b	30.000
N.O./N.C.	AgSnO2	AC-7c	30.000

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Auxiliary contacts type 022.33 / 022.35

Technical data

Rated frequency: 50 Hz.
Number of poles: 1, 2.
Rated operational voltage (Ue).
Rated insulation voltage (Ui): 230-400V.
Rated impulse withstand voltage (Uimp): 2.5 kV.
Rated operational currents (Ie).
Conventional free air thermal current (Ith): 6A.
Utilization category: AC-15.
Terminals: screw terminals.
Electrical number of cycles: 30.000.
Contact materials: AgNi.

022.33 (2 N.O. contacts)

Ue	Ie
400 V	3A

022.35 (1 N.O. ; 1 N.C. contacts)

Ue	Ie
230 V	3A

Documents

IMQ Approval Certificate n° CA02.04340 (29.09.2010)
IMQ Approval Certificate n° CA02.04341 (29.09.2010)
IMQ Test Report n° 02AK00008 (23/06/2010)
IMQ Test Report n° 02LK00062 (02/09/2010)
FINDER Test Report n° Mod.L0910 Rev. 02 (06/10/2010)

Remarks

Use and installation to be in accordance with manufacturer instructions.

Contactors Series 22.32 and 22.34 are suitable for installation in accommodation areas.

Genova, October 29, 2015

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