

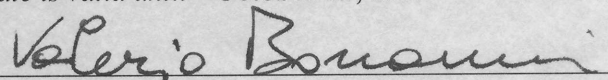


TYPE APPROVAL CERTIFICATE
No. **ELE455909CS**

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

<i>Description</i>	SWITCH DISCONNECTOR
<i>Type</i>	SM3-XXX SM4-XXX SMB3-XXX SMB4-XXX SMF3-XXX SMF4-XXX
<i>Applicant</i>	GHISALBA SPA Via Tevere 15, 10098 Cascine Vica Rivoli (TO) ITALY
<i>Reference standards</i>	CEI EN 60947-3

Issued in **Genoa** on **October 19, 2010**. This Certificate is valid until **October 19, 2015**



RINA

Valerio Bonanni



This certificate consists of this page and 1 enclosure (2 pages).

Type Approval certifies that a representative sample of the product has been found to meet the applicable design criteria. In the case the Manufacturer intends to modify a certified product, the Society is to be informed on all the contemplated modifications.



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SM3-XXX
SM4-XXX
SMB3-XXX
SMB4-XXX
SMF3-XXX
SMF4-XXX

Product Description

Switch disconnectors SM.-XXX, SMB.-XXX, SMF.-XXX series.

Technical Data

- Rated frequency: 50/60 Hz.
- Rated insulation voltage (Ui): 690V.
- Rated thermal current (Ith).
- Rated operational current (Ie).
- Rated operational voltage (Ue).
- Utilization categories: AC-21A, AC-22A & AC-23A.
- Ambient air temperature: 45°C.

SM3-16/25/40/63/80/125 & SM4-16/25/40/63/80/125

		Ue (V)	SM3-16 SM4-16	SM3-25 SM4-25	SM3-40 SM4-40	SM3-63 SM4-63	SM3-80 SM4-80	SM3-125 SM4-125
Ith (A)			25	40	63	80	100	125
Ie (A)	AC-21A	690	25	40	63	80	100	125
	AC-22A	400/415	16	25	40	63	80	125
		500	16	25	40	63	80	80
		690	16	25	40	63	80	80
	AC-23A	400/415	16	25	32	40	63	63
		500	16	25	32	40	40	40
		690	16	25	32	40	40	40

SMB3-125/160 & SMB4-125/160

		Ue (V)	SMB3-125 SMB4-125	SMB3-160 SMB4-160
Ith (A)			160	200
Ie (A)	AC-21A	690	160	200
	AC-22A	400/415	125	160
		500	125	160
		690	125	160
	AC-23A	400/415	80	135
		500	80	105 (*)
		690	80	105 (*)

(*) AC-23B: Ie = 125A



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SM3-XXX

SM4-XXX

SMB3-XXX

SMB4-XXX

SMF3-XXX

SMF4-XXX

SMF3-16/25/32 & SMF4-16/25/32

		Ue (V)	SMF3-16 SMF4-16	SMF3-25 SMF4-25	SMF3-32 SMF4-32
Ith (A)			16	25	32
Ie (A)	AC-21A	690	16	25	32
	AC-22A	400/415	16	25	32
		500	16	25	32
		690	16	25	32
	AC-23A	400/415	16	25	32
		500	16	25	32
		690	16	25	32

Remarks

Components to be used according to the instructions given by the Manufacturer.

Genoa October 19, 2010