



Certificate of Conformity

LOVAG-Certificate No.: IT 23.035
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This Certificate applies only to the apparatus verified. The responsibility for conformity of any apparatus having the same designation with that verified rests with the manufacturer.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition. The responsible certification body as a member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Verification instruction wherever applicable

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Apparatus: Low voltage contactors
Ue = 1000 V; Ui = 1000 V; Uimp = 8 kV

Designation Type:

Size	N° of poles 3P=00 4P= T4	Coil ac=A ac/dc=E	Ve (V) Coil (only for use at 50 Hz)					Ve (V) Coil (only for use at 60 Hz)							
			24	48	110	230	400	24	48	120	208	220	230	460	575
BF40	00-T4	A-E	024	048	110	230	400	02460	04860	12060	20860	22060	23060	46060	57560
BF50	00-T4	A-E	024	048	110	230	400	02460	04860	12060	20860	22060	23060	46060	57560
BF65	00-T4	A-E	024	048	110	230	400	02460	04860	12060	20860	22060	23060	46060	57560
BF80	00-T4	A-E	024	048	110	230	400	02460	04860	12060	20860	22060	23060	46060	57560
BF94	00-T4	A-E	024	048	110	230	400	02460	04860	12060	20860	22060	23060	46060	57560

Example of Product code: BF4000E400 (size BF40; 3 poles; coil ac/dc voltage; 400V/50Hz)
Example of Product code: BF80T4A57560 (size BF80; 4 poles; coil ac voltage; 575V/60Hz)

Manufacturer: Lovato Electric SPA
Via don E. Mazza, 12, Gorle (BG)

Applicant: Lovato Electric SPA
Via don E. Mazza, 12, Gorle (BG)

Verified by: IMQ S.p.A (Milano-Italy)
ACA E Laboratory:IL01 Gorle (BG)

The apparatus, constructed in accordance with the description mentioned in the Test Reports listed on this Certificate has been subjected to the series of proving tests in accordance with:

IEC 60947-4-1: 2018

9.3.1 a) Seq. I

9.3.1 b) Seq. II

The results are shown in the Test Report in accordance to LOVAG procedures. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the characteristic assigned by the manufacturer as stated below:

Contacteur	BF40	BF50	BF65	BF80	BF94
Ith (A)	70	90	100	115	115
Ie AC1 1000V (A)	70	90	100	115	115
Ie AC3 1000V (A)	21	23	25	28	28

This certificate includes: TR MI17-0018388-01 issue date: 2018.05.28
TR 2541 issue date: 2023.10.18



0070PRD
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

Responsible Certification Body: ACA E
Via Tito Livio, 5 – 24123 – BERGAMO (Italy)

Virginio Scaroni
Authorized Signature Virginio Scaroni
Date: 2023.12.14