



Electromechanical and electronic components for the Elevator industry

A range of products designed and built taking into consideration the needs of the lift industry:

- Limit switches
- Protection relays
- Contactors
- Control and signalling units.

LIMIT SWITCHES (direct opening operation ⊖)

Catalog no.	Description
KB E1 S11N	Roller lever plunger. Ø 0.75x0.2in
KB F1 S11N	Adjustable roller lever. Ø 0.75x0.2in
KB F3 S11N	Adjustable roller lever. Ø 1.97x0.39in
RS5 06 20 AS	Adjustable roller lever. Ø 1.97x0.39in
KP E1 S11	Roller lever plunger, prewired. Ø 0.55x0.18in
KP F1 S11	Adjustable plastic roller rod lever, prewired. Ø 0.55x0.18in

PROTECTION RELAYS for three-phase system, without neutral

Catalog no.	Rated voltage to be controlled Ue [V] 50/60Hz
Phase loss and incorrect phase sequence.	
PMV10 A440	208-480VAC. 17.5mm wide
PMV20 A240	100-240VAC. 35mm wide
PMV20 A575	208-575VAC. 35mm wide
PMV20 A600	380-600VAC. 35mm wide

CONTACTORS

Catalog no.		Low consumption DC coil	Gen use Amps	Incorporated auxiliary contacts NO NC	
AC coil	DC coil				
BF12 10 Aⓐ	BF12 10 Dⓐ	BF12 10 Lⓐ	28	1	0
BF12 01 Aⓐ	BF12 01 Dⓐ	BF12 01 Lⓐ		0	1
BF25 10 Aⓐ	BF25 10 Dⓐ	BF25 10 Lⓐ	32	1	0
BF25 01 Aⓐ	BF25 01 Dⓐ	BF25 01 Lⓐ		0	1
BF38 00 Aⓐ	BF38 00 Dⓐ	BF38 00 Lⓐ	55	0	0
BF65 00ⓐ	BF65 00ⓐ	—	110	0	0

ⓐ Complete catalog number with coil digit. Standard voltages are as follows:
 - AC 60Hz 024 60 - 120 60 - 230 60 - 460 60 - 575 60 (VAC).

ⓑ Complete catalog number with coil digit. Standard voltages (coil digit) are:
 - DC 012 - 024 - 048 - 060 - 110 - 125 - 220VDC.

ⓒ Complete catalog number with coil digit. Standard voltage (coil digit) is: 024 - 048VDC.

Lovato
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 100% electricity

ELEVATOR DUTY



CSA INTERNATIONAL

File: LR54332

Type	Gen use Amps	Maximum horsepower ratings [HP]					
		1 phase		3 phase			
		120V	240V	208V	240V	480V	600V
AC coil - DC coil - Low consumption DC coil.							
BF12	28	1/2	1 1/2	3	3	7 1/2	7 1/2
BF25	32	1 1/2	3	5	7 1/2	15	15
BF38	55	3	5	10	10	20	20
BF65	110	3	10	15	15	40	50

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