

# Switch disconnectors fuses LAF (NV/NH)

**Generalities**

LAF is a range of switch disconnectors fuse suitable for making and breaking on load and disconnecting low voltage electrical circuits.

They are used for the following purposes:

- main switch
- switch for motors
- disconnector
- safety switch

They are available in 5 sizes

**General characteristics**

- rated insulation voltage 1000V AC and 1500 V DC
- 3-4 poles available
- high breaking capacity (AC-22,AC-23,IEC 60947-3)
- high electrical and mechanical endurance
- four break contacts per pole
- self – cleaning contacts
- both fuse terminals are not alive when the switch is in 0 position

- contact position positively indicated by the handle

- visibility of fixed and moving contacts by means of windows
- independent manual operation
- neutral contact open earlier and opens later than the phase contacts
- suitable protection to prevent accidental touching of live parts
- casing in self-extinguishing (V0-UL94), low hygroscopic and high mechanical resistance isolating material.
- resistant to damp heat (IEC 68-2)
- wide range of accessories
- rotary front operation by means of: external double insulated handle with door-interlock in ON position, IP65 degree of protection; padlockable with three padlocks in OFF position.
- direct handle (padlockable in OFF position on request)
- Conformity to standards: IEC 60947-1, IEC 60947-3, IEC 439-1, EN 60439-1, IEC 204-1,

**Switch disconnectors fuses (NV/NH) without handle**

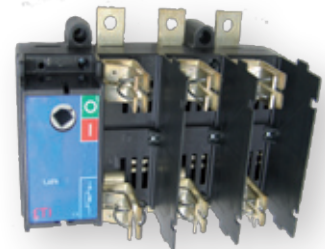
type	code No.	I <sub>n</sub> [A]	number of poles	weight [kg]	packaging [pcs]
LAF1 100A 3p, NH 00C	004666021	100	3	0,787	1
LAF2 125A 3p, NH 00	004666022	125	3	1,687	1
LAF2 160A 3p, NH 00	004666023	160	3	1,687	1
LAF3 250A 3p, NH 1	004666024	250	3	4,592	1
LAF4 400A 3p, NH 2	004666025	400	3	6,592	1
LAF5 630A 3p, NH 3	004666026	630	3	12,580	
LAF1 100A 4p, NH 00C	004666031	100	4	0,887	1
LAF2 125A 4p, NH 00	004666032	125	4	1,787	1
LAF2 160A 4p, NH 00	004666033	160	4	1,787	1
LAF3 250A 4p, NH 1	004666034	250	4	4,892	1
LAF4 400A 4p, NH 2	004666035	400	4	6,992	1
LAF5 630A 4p, NH 3	004666036	630	4	14,080	1

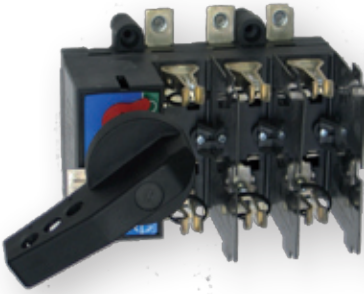
Note: 200 mm extension shaft and connection screw set attached to switch.

**Switch disconnectors fuses (NV/NH) with door interlock handle**

type	code No.	I <sub>n</sub> [A]	number of poles	weight [kg]	packaging [pcs]
LAF1/D 100A 3p, NH 00C	004666001	100	3	1	1
LAF2/D 125A 3p, NH 00	004666002	125	3	1,9	1
LAF2/D 160A 3p, NH 00	004666003	160	3	1,9	1
LAF3/D 250A 3p, NH 1	004666004	250	3	5	1
LAF4/D 400A 3p, NH 2	004666005	400	3	7	1
LAF5/D 630A 3p, NH 3	004666006	630	3	13	1
LAF1/D 100A 4p, NH 00C	004666011	100	4	1,1	1
LAF2/D 125A 4p, NH 00	004666012	125	4	2	1
LAF2/D 160A 4p, NH 00	004666013	160	4	2	1
LAF3/D 250A 4p, NH 1	004666014	250	4	5,3	1
LAF4/D 400A 4p, NH 2	004666015	400	4	7,4	1
LAF5/D 630A 4p, NH 3	004666016	630	4	14,5	1

Note: 200 mm extension shaft and connection screw set attached to switch.



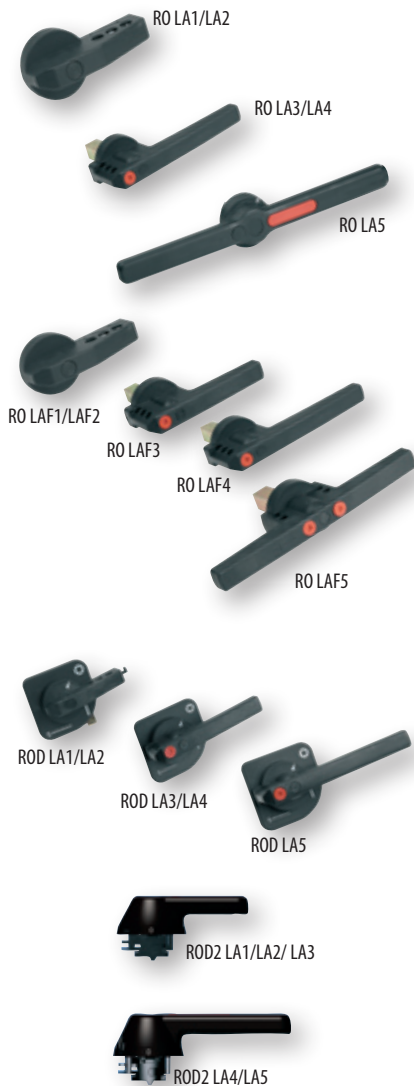


**Switch disconnectors fuses (NV/NH) with direct handle**

type	code No.	I <sub>n</sub> [A]	number of poles	weight [kg]	packaging [pcs]
LAF1/R 100A 3p, NH 00C	004666041	100	3	0,992	1
LAF2/R 125A 3p, NH 00	004666042	125	3	1,935	1
LAF2/R 160A 3p, NH 00	004666043	160	3	1,935	1
LAF3/R 250A 3p, NH 1	004666044	250	3	4,982	1
LAF4/R 400A 3p, NH 2	004666045	400	3	7,072	1
LAF5/R 630A 3p, NH 3	004666046	630	3	13	1
LAF1/R 100A 4p, NH 00C	004666051	100	4	1,092	1
LAF2/R 125A 4p, NH 00	004666052	125	4	2,035	1
LAF2/R 160A 4p, NH 00	004666053	160	4	2,035	1
LAF3/R 250A 4p, NH 2	004666054	250	4	5,282	1
LAF4/R 400A 4p, NH 2	004666055	400	4	7,427	1
LAF5/R 630A 4p, NH 3	004666056	630	4	14,5	1

Note: 200 mm extension shaft and connection screw set attached to switch.

**Accessories for LA and LAF**



**Direct handle for LA**

description	code No.		for use with	weight [g]	packaging [pcs]
	LA1	LA2			
RO LA1, black	004665005		LA1	200	1
RO LA2, black	004665006		LA2	200	1
RO LA3, black	004665007		LA3	200	1
RO LA4, black	004665008		LA4	200	1
RO LA5, black	004665009		LA5	200	1

**Direct handle for LAF**

description	code No.	for use with	weight [g]	packaging [pcs]
RO LAF1, black	004666060	LAF1	205	1
RO LAF2, black	004666061	LAF2	248	1
RO LAF3, black	004666062	LAF3	390	1
RO LAF4, black	004666063	LAF4	435	1
RO LAF5, black	004666064	LAF5	420	1

**Door interlock handle**

description	code No.	for use with	weight [g]	packaging [pcs]
ROD LA12, black	004665101	LA1,2 & LAF1,2	213	1
ROD LA34, black	004665102	LA3,4 & LAF3,4	408	1
ROD LA5, black	004665103	LA5 & LAF5	441	1

**Door interlock handle with double function of security**

description	code No.	for use with	weight [g]	packaging [pcs]
ROD2 LA123, black	004665104	LA1,2,3 & LAF1,2,3	408	1
ROD2 LA45, black	004665105	LA4,5 & LAF4,5	441	1

**Door interlock handle, emergency**

description	code No.	for use with	weight [g]	packaging [pcs]
ROD LA12_Y_R, red and yellow	004665201	LA1,2 & LAF1,2	213	1
ROD LA34_Y_R, red and yellow	004665202	LA3,4 & LAF3,4	401	1
ROD LA5_Y_R, red and yellow	004665203	LA5 & LAF5	441	1

**Door interlock handle with double function of security**

description	code No.	for use with	weight [g]	packaging [pcs]
ROD2 LA123_Y_R, red and yellow	004665204	LA1,2,3 & LAF1,2,3	408	1
ROD2 LA45_Y_R, red and yellow	004665205	LA4,5 & LAF4,5	441	1

**Auxiliary contact**

description	code No. LA1 LA2	for use with	weight [g]	packaging [pcs]
PS LA12, 1NO+1NC	004665055	LA1,2 & LAF1,2	30	1
PS LA4, 1NO+1NC	004665056	LA4 & LAF4	30	1
PS LA35, 1NO+1NC	004665057	LA3,5 & LAF3,5	30	1

**Upper terminal cover**

type	code No.	for use with	weight [g]	packaging [pcs]
PR UP LA1	004665071	LA1 & LAF1	42	1
PR UP LA2	004665072	LA2 & LAF 2	48	1
PR UP LA3	004665073	LA3 & LAF3	115	1
PR UP LA4	004665074	LA 4 & LAF4	149	1
PR UP LA5	004665075	LA5 & LAF5	272	1

**Lower terminal cover**

type	code No.	for use with	weight [g]	packaging [pcs]
PR LO LA1	004665081	LA1 & LAF1	42	1
PR LO LA2	004665082	LA2 & LAF 2	47	1
PR LO LA3	004665083	LA3 & LAF3	107	1
PR LO LA4	004665084	LA 4 & LAF4	140	1
PR LO LA5	004665085	LA5 & LAF5	273	1

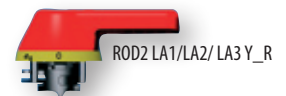


ROD LA1/LA2\_Y\_R

ROD LA3/LA4\_Y\_R



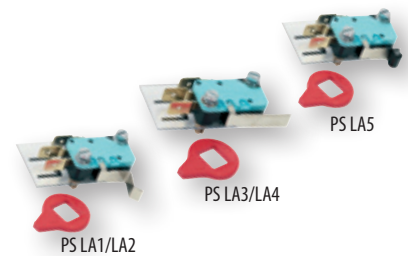
ROD LA5\_Y\_R



ROD2 LA1/LA2/ LA3\_Y\_R



ROD2 LA4/LA5\_Y\_R



PS LA1/LA2

PS LA3/LA4

PS LA5



PR UP LA1/ LA2/ LA3/ LA4/ LA5



PR LO LA1/ LA2/ LA3/ LA4/ LA5



SH LA12, SH LA345



SHE LA12, SH LA345



PR 1/2/3/4/5



PRF 1/2/3/4/5

**Shaft**

description	code No.		for use with	weight [g]	packaging [pcs]
	LA1	LA2			
SH LA12, 200mm	004665014		LA1,2 & LAF1,2	105	1
SH LA345, 200mm	004665015		LA3,4,5 & LAF3,4,5	190	1

**Extension shaft**

description	code No.		for use with	weight [g]	packaging [pcs]
	LA1	LA2			
SHE LA12, 200 mm	004665017		LA1,2 & LAF1,2	125	1
SHE LA345, 200mm	004665018		LA3,4,5 & LAF3,4,5	303	1

**Cover shield for LA**

type	code No.	for use with	weight [g]	packaging [pcs]
PR1	004666070	LA1	21	1
PR2	004666071	LA2	37	1
PR3	004666072	LA3	87	1
PR4	004666073	LA 4	123	1
PR5	004666074	LA5	187	1

**Fuses cover for LAF**

type	code No.	for use with	weight [g]	packaging [pcs]
PRF1	004666065	LAF 1	60	1
PRF2	004666066	LAF 2	103	1
PRF3	004666067	LAF 3	162	1
PRF4	004666068	LAF 4	207	1
PRF5	004666069	LAF 5	352	1