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Cylindrical fuse-links	158
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LOW VOLTAGE CYLINDRICAL FUSES



Cylindrical fuse-links

Cylindrical fuse-link CH

Rated current
1-100 A

Fusing characteristics
gG, aM

Application: Cylindrical fuse-links are used as the most secure protection of electrical installations, control, and signal circuits against overloads and short circuit currents. Their dimensions comply with IEC 60269-1 and IEC 60269-2-1. They are used mainly in industrial areas, since their dimensions allow voltages of up to 690 V. The most common sizes are the following four: 8x32, 10x38, 14x51 and 22x58.



CH8

rated current/rated voltage	code No. gG	code No. aM	weight [g]	packaging [pcs]
1A, 400V	002610000	002611000	4	10/740
2A, 400V	002610001	002611001		
4A, 400V	002610003	002611003		
6A, 400V	002610005	002611005		
8A, 400V	002610006	002611006		
10A, 400V	002610007	002611007		
12A, 400V	002610008	002611008		
16A, 400V	002610009	002611009		
20A, 400V	002610011	002611011		
25A, 400V	002610013	002611013		



CH10

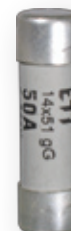
rated current/rated voltage	code No. gG	code No. aM	weight [g]	packaging [pcs]
0.5A, 500V	002620017	002621017	7,5	10/500
1A, 500V	002620000	002621000		
2A, 500V	002620001	002621001		
4A, 500V	002620003	002621003		
6A, 500V	002620005	002621005		
8A, 500V	002620006	002621006		
10A, 500V	002620007	002621007		
12A, 500V	002620008	002621008		
16A, 500V	002620009	002621009		
20A, 500V(400V aM)	002620011	002621011		
25A, 500V(400V aM)	002620013	002621013		
32A, 400V	002620015	002621015		

Cylindrical fuse-links

CH14		NEW!	NEW!			
rated current/rated voltage	code No. gG	code No. gG with striker pin	code No. aM	code No. aM with striker pin	weight [g]	packaging [pcs]
2A, 690V	002630001	006711015*	002631001	006711029*	18,6	10/200
4A, 690V	002630003	006711005*	002631003	006711030*		
6A, 690V	002630005	006711016*	002631005	006711031*		
8A, 690V	002630006	006711017*	002631006	006711032*		
10A, 690V	002630007	006711018*	002631007	006711033*		
12A, 690V	002630008	006711006*	002631008	006711034*		
16A, 690V	002630009	006711001*	002631009	006711035*		
20A, 690V	002630011	006711002*	002631011	006711036*		
25A, 690V	002630013	006711003*	002631013	006711037*		
32A, 690V	002630015	006711019*	002631015*	006711038*		
40A, 500V	002630017	006711004	002631017	006711039		
50A, 500V	002630019	006711020**	002631019**	006711040**		

* 500V

** 400V



CH22		NEW!	NEW!			
rated current/rated voltage	code No. gG	code No. gG with striker pin	code No. aM	code No. aM with striker pin	weight [g]	packaging [pcs]
4A, 690V		006711008			51	10/480
6A, 690V		006711009		006711041		
8A, 690V		006711021		006711042		
10A, 690V		006711010		006711043		
12A, 690V		006711022		006711044		
16A, 690V	002640009	006711023	002641009	006711045		
20A, 690V	002640011	006711024	002641011	006711046		
25A, 690V	002640013	006711025	002641013	006711047		
32A, 690V	002640015	006711011	002641015	006711048		
40A, 690V	002640017	006711026	002641017	006711049		
50A, 690V	002640019	006711027	002641019	006711050		
63A, 690V	002640021	006711012	002641021	006711051		
80A, 500V	002640023	006711013	002641023	006711052		
100A, 500V	002640025	006711014	002641025	006711053		



Fuse disconnectors for cylindrical fuse-links

Advantages of fuse disconnector PCF

→ 1-pole + N in one module



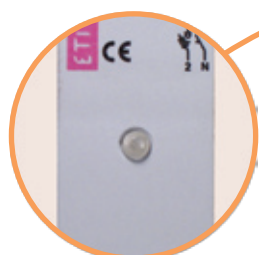
→ Double connection clamps



→ New method of mounting on the DIN rail and simple replacement



→ LED indicator version



→ Extraction of entire fuse-link when changing

→ Chamber for spare fuse-link



→ Sealing possibility

Fuse disconnector PCF 8

Rated current
max. 20 ARated operational voltage
400 VUtilization category
AC 22B

1-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002530001	-	58	12/108
		002530011	LED		
		*002531001	-	58	12/108
		*002531011	LED		

NEW!

* Connection clamp on the right side "French version"

1-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002530002	-	70	12/108
		002530012	LED		
		*002531002	-	70	12/108
		*002531012	LED		

NEW!

* Connection clamp on the right side, N pole on the left "French version"

2-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002530003	-	120	6/54
		002530013	LED		
		*002531003	-	120	6/54
		*002531013	LED		

NEW!

* Connection clamp on the right side "French version"

3-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002530004	-	180	4/36
		002530014	LED		
		*002531004	-	180	4/36
		*002531014	LED		

NEW!

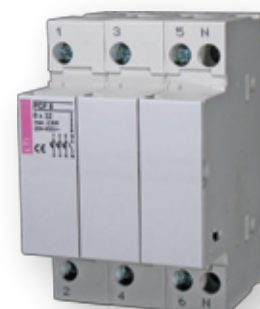
* Connection clamp on the right side "French version"

3-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002530005	-	195	4/36
		002530015	LED		
		*002531005	-	195	4/36
		*002531015	LED		

NEW!

* Connection clamp on the right side, N pole on the left "French version"



Fuse disconnector PCF 10

Rated current
max. 32 ARated operational voltage
690 V a.c.Utilization category
AC 22B**1-pole**

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	32	002550001	-	58	12/108
		002550011	LED		
		*002551001	-	58	12/108
		*002551011	LED		

NEW!

* Connection clamp on the right side "French version"

1-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400/690	32	002550002	-	70	12/108
		002550012	LED		
		*002551002	-	70	12/108
		*002551012	LED		

NEW!

* Connection clamp on the right side, N pole on the left "French version"

**2-pole**

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	32	002550003	-	120	6/54
		002550013	LED		
		*002551003	-	120	6/54
		*002551013	LED		

NEW!

* Connection clamp on the right side "French version"

3-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	32	002550004	-	180	4/36
		002550014	LED		
		*002551004	-	180	4/36
		*002551014	LED		

NEW!

* Connection clamp on the right side "French version"

**3-pole + N**

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	32	002550005	-	195	4/36
		002550015	LED		
		*002551005	-	195	4/36
		*002551015	LED		

NEW!

* Connection clamp on the right side, N pole on the left "French version"

Fuse disconnector PCF CC

Rated current
max. 30 ARated operational voltage
600 VUtilization category
AC 22B

1-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
600	30	002550101	-	58	12/108
		002550111	LED		

2-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
600	30	002550103	-	120	6/54
		002550113	LED		

3-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
600	30	002550104	-	180	4/36
		002550114	LED		



Accessories

Fuse disconnector PS PCF

U_n [V]	I_n [A]	code No. PCF8	code No. PCF10	weight [g]	packaging [pcs]	contact
230	6	002559001	002559001	35	1/10	1 x b 1 x a/b



General information about fuse disconnector VLC

The main characteristics of ETI fuse disconnectors are:

- Compliance with IEC 60947-1, IEC 60947-3, UL 512 and UL 486 E.
- Plastic parts are made of material resistant to high temperatures.
- All contact surfaces are silver plated.
- Mounting on standard DIN 35 mm rail (DIN EN60715). The sizes 14x51 and 22x58 can be also fixed with screws on a flat base.
- For all sizes a version with electronic indicator is available. There are two technical types of indicator:
 - a) L (LED) with built-in LED diode which blinks after the fuse-link operates. The internal circuit resistance is 2 MΩ, thus the total dissipation is minimal. The indicator is capable of operating in conditions of open circuit with minimum capacitance between connection cables. Operating voltage range spans from 50 V to 690 V a.c. and d.c.
 - b) I (NEON) with neon lamp which is constantly lit after the fuse-link operates. The internal circuit resistance is 570 kΩ, thus it is necessary for the circuit to be closed in order for the indicator to function. The operational voltage range is 100 V to 750 V a.c.
- Modular design—it is possible to assemble multi pole versions on customer's site for VLC 8, VLC 10, VLC 14 and VLC 22.

Fuse disconnector VLC 8

Rated current
max. 20 A

Rated operational voltage
400 V

Utilization category
AC22B



1-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002521000	-	65	12/108
		002521100	L-LED		
		002521200	I-NEON		

1-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002522000	-	128	6/54
		002522100	L-LED		
		002522200	I-NEON		
		*002522001	-	128	6/54
		*002522101	L-LED		
		*002522201	I-NEON		

* N pole on left "French version"

NEW!

Fuse disconnectors for cylindrical fuse-links

2-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002523000	-	124	6/54
		002523100	L-LED		
		002523200	I-NEON		

3-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002524000	-	187	4/36
		002524100	L-LED		
		002524200	I-NEON		

3-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400	20	002525000	-	270	3/27
		002525100	L-LED		
		002525200	I-NEON		
		*002525001	-	270	3/27
		*002525101	L-LED		
		*002525201	I-NEON		

*N pole on left "French version"

NEW!



Fuse disconnector VLC 10

Rated current
max. 32 ARated operational voltage
690 VUtilization category
AC 22B

1-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	32	002541000	-	65	12/108
		002541100	L-LED		
		002541200	I-NEON		

1-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
400/690	32	002542000	-	128	6/54
		002542100	L-LED		
		002542200	I-NEON		
		*002542001	-	128	6/54
		*002542101	L-LED		
		*002542201	I-NEON		

*N pole on left "French version"

NEW!



**2-pole**

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	32	002543000	-	124	6/54
		002543100	L-LED		
		002543200	I-NEON		

3-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	32	002544000	-	187	4/36
		002544100	L-LED		
		002544200	I-NEON		

3-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	32	002545000	-	270	3/27
		002545100	L-LED		
		002545200	I-NEON		
		*002545001	-	270	3/27
		*002545101	L-LED		
		*002545201	I-NEON		

*N pole on left "French version"

NEW!**Fuse disconnector VLC CC**Rated current
max. 30 ARated operational voltage
600 VUtilization category
AC 22B**1-pole**

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
600	30	002541300	-	65	12/108

2-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
600	30	002543300	-	124	6/54

3-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
600	30	002544300	-	187	4/36

Varovalčni ločilnik VLC 14

Rated current
max. 50 ARated operational voltage
690 VUtilization category
AC 22B

1-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	50	002561000	-	100	12/96
		002561100	L-LED		

1-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	50	002562000	-	222	6/48
		002562100	L-LED		
		*002562001	-	222	6/48
		*002562101	L-LED		

*N pole on left "French version"

NEW!

2-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	50	002563000	-	201	6/48
		002563100	L-LED		

3-pole

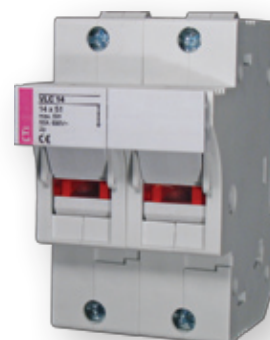
U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	50	002564000	-	308	4/32
		002564100	L-LED		

3-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	50	002565000	-	437	3/24
		002565100	L-LED		
		*002565001	-	437	3/24
		*002565101	L-LED		

*N pole on left "French version"

NEW!

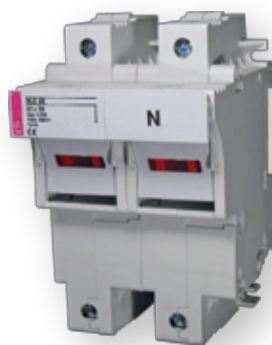


Fuse disconnector VLC 22

Rated current
max. 100 ARated operational voltage
690 VUtilization category
AC 21B

1-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	100	002571000	-	160	3/105
		002571100	L-LED		

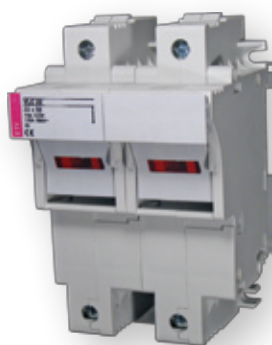


1-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	100	002572000	-	355	2/48
		002572100	L-LED		
		*002572001	-	355	2/48
		*002572101	L-LED		

NEW!

*N pole on left "French version"



2-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	100	002573000	-	310	2/48
		002573100	L-LED		



3-pole

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	100	002574000	-	480	1/35
		002574100	L-LED		

3-pole + N

U_e/U_i [V]	I_{max} [A]	code No.	indicator	weight [g]	packaging [pcs]
690	100	002575000	-	680	1/24
		002575100	L-LED		
		*002575001	-	680	1/24
		*002575101	L-LED		

NEW!

*N pole on left "French version"

Accessories



Auxiliary switch PS VLC

U_n [V]	I_n [A]	code No. VLC14	code No. VLC22	weight [g]	packaging [pcs]	contact
250	5	002569001	002579001	50	1/10	1 x make 1 x break

Auxiliary switch PS VLC is intended to be mounted with disconnectors VLC 14 and VLC 22 for all versions (1p, 2p, 2p+N, 3p, 3p+N). The width of apparatus is 9 mm, other dimensions comply with VLC 14 and VLC 22 series switches. Auxiliary switch PS VLC signals the operation of CH14 or CH 22 fuse-links only in the case a fuse-link is fitted with striking pin - see IEC 60 269-2-1 Figure 1a (III).