

D

Low voltage fuse-links	140
Fuse bases	142
Accessories	145
Technical data	386



LOW VOLTAGE FUSES



Low voltage fuse-links

Fuse-link D

Rated current
2 - 200 A

Fusing characteristics
gG, TDZ, DZ

D fuse-links for use by unskilled persons for domestic and similar applications are used as the most reliable protection of electrical installation, control and signal circuits against overload and short-circuit currents.

The whole system D contains a complete range of five physical sizes DI, DII, DIII, DIV and DV fuse-links, standard ceramic and new plastic fuse bases and all necessary accessories. It is dimensioned for rated voltages 500 V, 690 V, 750 V and 1200 V a.c. resp. 500 V or 600 V d.c. with AC 50 kA and DC 8 kA rated breaking capacity.

The system D is intended to be used in residential, business and similar buildings. When it is used in industrial installations, it is necessary to take into account the requirements of the standard IEC 60664-1 concerning the insulation coordination for equipment within low-voltage systems.

All fuse-links have blown-fuse indicators which are visible through the screw cap when mounted. Fuse-links, fusebases, caps and fuse-disconnectors are tested and certified according to IEC 60269-3-1, DIN EN 60269-3, DIN VDE 0636-301, HD 630.3.1 and DIN EN 60269-1.



DI for fuse base E 16

I_n [A]	colour	code No. DZ*	code No. gG, TDZ*	weight [g]	packaging [pcs]
2	pink	002311101	002311401	12	10/500
4	brown	002311102	002311402	12	10/500
6	green	002311103	002311403	12	10/500
10	red	002311104	002311404	13	10/500
16	grey	002311105	002311405	14	10/500
20	blue	002311106	002311406	15	10/500
25	yellow	002311107	002311407	16	10/500

DII for fuse base E 27

I_n [A]	colour	code No. DZ*	code No. gG, TDZ*	weight [g]	packaging [pcs]
2	pink	002312101	002312401	27	5/500
4	brown	002312102	002312402	27	5/500
6	green	002312103	002312403	27	5/500
10	red	002312104	002312404	27	5/500
13	black		002312409	27	5/500
16	grey	002312105	002312405	28	5/500
20	blue	002312106	002312406	29	5/500
25	yellow	002312107	002312407	30	5/500

DIII za podstavke E 33

I_n [A]	barva	šifra DZ	šifra gG, TDZ	teža [g]	pakiranje [kos]
32	črna		002313404	48	5/500
35	črna	002313101	002313401	48	5/500
40	črna		002313405	48	5/500
50	bela	002313102	002313402	49	5/500
63	bakrena	002313103	002313403	52	5/500

* DZ and TDZ time-current characteristics correspond to standard CEE16 from 1970 as date of issue. DZ refers to a "fast" or in German "flink" fuse, in the meantime TDZ refers to a "slow" or in German "Traege" fuse.

In accordance with the development of standards, TDZ time-current characteristics were unified with gG time-current characteristic according to IEC 60269-2 and VDE 0636-301, so now both characteristics are unified and their meaning stays the same - "slow" means TDZ and gG at the same time.

DZ time-current characteristics remain unchanged. It is faster than TDZ, but in any case DZ characteristics should not be compared with gR or aR time-current characteristics which are designed for power semiconductor protection.

Low voltage fuse-links

DIII AC 690V, DC 600V

I _n [A]	colour	code No. gG	weight [g]	packaging [pcs]
2	pink	002313501	68	5/200
4	brown	002313502	68	5/200
6	green	002313503	68	5/200
10	red	002313504	69	5/200
16	grey	002313505	69	5/200
20	blue	002313506	71	5/200
25	yellow	002313507	72	5/200
35	black	002313508	78	5/200
50	white	002313509	80	5/200
63	copper	002313510	80	5/200

DIII 750V gF

I _n [A]	colour	code No. gF	weight [g]	packaging [pcs]
2	pink	002313601	68	5/200
4	brown	002313602	68	5/200
6	green	002313603	68	5/200
10	red	002313604	69	5/200
16	grey	002313605	69	5/200
20	blue	002313606	71	5/200
25	yellow	002313607	72	5/200
35	black	002313608	78	5/200
50	white	002313609	80	5/200
63	copper	002313610	80	5/200

DIII AC 1200V 3-channel gF

I _n [A]	colour	code No. gF	weight [g]	packaging [pcs]
2	pink	002313620	68	5/200
4	brown	002313621	68	5/200
6	green	002313622	68	5/200
10	red	002313623	69	5/200
16	grey	002313624	69	5/200
20	blue	002313625	71	5/200
25	yellow	002313626	72	5/200
35	black	002313627	78	5/200

DIV for fuse base R1 1/4"

I _n [A]	colour	code No. DZ*	code No. gG, TDZ*	weight [g]	packaging [pcs]
80	silver	002314101	002314401	105	3/48
100	red	002314102	002314402	110	3/48

DV for fuse base R 2"

I _n [A]	colour	code No. DZ*	code No. gG, TDZ*	weight [g]	packaging [pcs]
125	yellow	002315101	002315401	185	10/60
160	copper	002315102	002315402	210	10/60
200	blue	002315103	002315403	215	10/60



Fuse bases

1-pole fuse base

Rated current
25, 63 A



Fuse base DI

type	I _n [A]	code No.	screw	weight [g]	packaging [pcs]
EZV 25	25	002321001	E16	63	5/250
EZN 25	25	002321002	E16	66	5/250



Fuse base EZ

type	I _n [A]	code No.	screw	weight [g]	packaging [pcs]
EZ	25	002322001	E 27	122	36/288
EZ	63	002323001	E 33	175	15/180



Fuse base TZ

type	I _n [A]	code No.	screw	weight [g]	packaging [pcs]
TZ	25	002322003	E 27	185	24/192
TZ	63	002323002	E 33	368	6/84



Fuse base UZ, UZN

type	I _n [A]	code No.	screw	weight [g]	packaging [pcs]
UZ	25	002322015	E 27	200	10/200
UZN	25	002322024	E 27	202	10/180
UZ	63	002323004	E 33	300	6/60
UZN	63	002323007	E 33	302	6/60

* UZ - for mounting with screws

* UZN - for mounting on DIN rail



Fuse base EZR

type	I _n [A]	code No.	screw	weight [g]	packaging [pcs]
EZR	25	002322006	E 27	97	15/195
EZR	63	002323005	E 33	132	15/180

* EZR - for direct mounting on EZR busbar

Fuse bases

Fuse base EZN, EZV

type	I_n [A]	code No.	screw	weight [g]	packaging [psc]
EZN 25*	25	002322009	E 27	104	15/195
EZN 63*	63	002323008	E33	148	15/180
EZN 63-M6*	63	002323013	E33	148	15/180
EZV 25	25	002322011	E27	102	15/195
EZV 63	63	002323010	E33	146	15/180
EZV 63-M6	63	002323020	E33	146	15/180
EZN 25-ZP*	25	002322016	E27	120	10/130
EZN 63-ZP*	63	002323028	E33	163	10/120
EZV 25-ZP*	25	002322017	E27	112	10/130
EZV 63-ZP*	63	002323029	E33	153	10/120

* EZV - for mounting with screws

* EZN - for mounting on rail

* ZP - base with protection cover

At request, vibration-tested EZN 25, 63, 63-M6 fuse bases are available according to the LRS-Lloyd's register of Shipping 1961 Vibration Test 2.

Fuse base D Comfort

type	I_n [A]	code No.	weight [g]	packaging [pcs]
DII comfort	25	002322040	137	3/105

Fuse base for overhead lines

type	I_n [A]	code No.	screw	weight [g]	packaging [pcs]
FZ	25	002322007	E 27	750	1/22
FZ	63	002323006	E 33	1050	1/16



3-pole fuse base

Rated current
25, 63 A

Fuse base EZN/3, EZV/3 - DELTA

type	I_n [A]	code No.	weight [g]	packaging [pcs]
EZN 25/3	25	002322036	410	8
EZV 25/3	25	002322037	400	8
EZN 63/3	63	002323043	590	8
EZV 63/3	63	002323044	580	8

Fuse base EZN/3, EZV/3 - LINEAR

type	I_n [A]	code No.	screw	weight [g]	packaging [pcs]
EZN 25/3	25	002322025	E 27	352	4/60
EZV 25/3	25	002322026	E 27	346	4/60
EZN 63/3	63	002323016	E33	488	6/42
EZV 63/3	63	002323017	E33	484	6/42

Armoured fuse base

type	code No.	weight [g]	packaging [pcs]
T 25/3N	002362003	460	4
T 63/3N	002363003	660	4
T 25/3V	002362004	450	4
T 63/3V	002363004	650	4



D fuse base - new generation



Set EZR 25

type	I_n [A]	Code No.	Cross-section of connecting lead		Connections Outlet	Connections Supply	packaging [pcs]
			Outlet [mm ²]	Supply [mm ²]			
SET EZR 25 2p-GEG 25.2	25	002322100	35	1 - 10	M9	M5	-/112
SET EZR 25 3p-GEG 25.3	25	002322101	35	1 - 10	M9	M5	-/80
SET EZR 25 4p-GEG 25.4	25	002322102	35	1 - 10	M9	M5	-/56
SET EZR 25 5p-GEG 25.5	25	002322103	35	1 - 10	M9	M5	-/50
SET EZR 25 6p-GEG 25.6	25	002322104	35	1 - 10	M9	M5	-/40
SET EZR 25 7p-GEG 25.7	25	002322105	35	1 - 10	M9	M5	-/32
SET EZR 25 8p-GEG 25.8	25	002322106	35	1 - 10	M9	M5	-/28
SET EZR 25 9p-GEG 25.9	25	002322107	35	1 - 10	M9	M5	-/24
SET EZR 25 10p-GEG 25.10	25	002322108	35	1 - 10	M9	M5	-/25

Set EZR 63

type	I_n [A]	Code No.	Cross-section of connecting lead		Connections Outlet	Connections Supply	packaging [pcs]
			Outlet [mm ²]	Supply [mm ²]			
SET EZR 63 2p-GEG 63.2	63	002323110	35	2.5 - 25	2xM5	2xM5	-/81
SET EZR 63 3p-GEG 63.3	63	002323111	35	2.5 - 25	2xM5	2xM5	-/54
SET EZR 63 4p-GEG 63.4	63	002323112	35	2.5 - 25	2xM5	2xM5	-/36
SET EZR 63 5p-GEG 63.5	63	002323113	35	2.5 - 25	2xM5	2xM5	-/31
SET EZR 63 6p-GEG 63.6	63	002323114	35	2.5 - 25	2xM5	2xM5	-/27

Fuse base EZV GS

type	I_n [A]	Code No.	Cross-section of connecting lead		Connections Outlet	Connections Supply	packaging [pcs]
			Outlet [mm ²]	Supply [mm ²]			
FUSE BASE EZV 25 GS	25	002322028	1 - 10	1 - 10	M5	M5	15/195
FUSE BASE EZV 63 GS	63	002323032	2.5 - 25	2.5 - 25	2xM5	2xM5	15/180

Accessories

type	Code No.	packaging [pcs]
Protective cover GB 25.1	002352005	100/500
Protective cover GB 25.3	002352006	50/200
Protective cover GB 63-52	002353005	100/400
Protective cover GB 63-60	002353006	100/400
Plastic mounting plate GSA 25	002352007	100/500
Plastic mounting plate GSA 63	002353007	100/400

Accessories

Accessories

Gauge piece

VD II for fuse base E 27

I _n [A]	colour	code No.	weight [g]	packaging [pcs]
2	pink	002342001	13	25/1500
4	brown	002342002	13	25/1500
6	green	002342003	13	25/1500
10	red	002342004	11	25/1500
16	grey	002342005	11	25/1500
20	blue	002342006	11	25/1500
25	yellow	002342007	11	25/1500



VD III for fuse base E33

I _n [A]	colour	code No.	weight [g]	packaging [pcs]
35	black	002343001	19	25/850
50	white	002343002	18	25/850
63	copper	002343003	16	25/850



Fuse carrier D

Fuse carrier K DII

type	I _n [A]	code No.	screw	weight [g]	packaging [pcs]
K DII	25	002332003	E 27	35	50/600

Fuse carrier K DIII

type	I _n [A]	code No.	screw	weight [g]	packaging [pcs]
K DIII	63	002333002	E 33	59	30/360



Protection cover

1-pole protection cover for fuse base

type	I _n [A]	code No.	screw	weight [g]	packaging [pcs]
EZN, EZV	25	002352001	E 27	16	30/390
EZN, EZV	63	002353002	E 33	12	30/360

3-pole protection cover for fuse base

type	code No.	weight [g]	packaging [pcs]
EZN, EZV 25/3	002352003	40	12/120
EZN, EZV 63/3	002353004	40	12/120



Busbar system for 1-pole fuse base EZR



Busbar for fuse base EZR

type	I_n [A]	code No.	screw	weight [g]	packaging [pcs]
EZR	25	002923032	E 27	380	50
EZR	63	002923033	E 33	380	50

Terminal for neutral terminal and busbar EZR

code No.	for cross section [mm ²]	weight [g]	packaging [pcs]
002923040	16	9	100/2200
002923041	35	21	100/2200