

Limitor[®] for Street lighting

HIGH VOLTAGE IEC FUSES

DIN HV GENERAL PURPOSE FUSES FOR TRANSFORMERS

FEATURES & BENEFITS

- High breaking capacity
- High current limitation
- Low switching voltage
- Quick breaking
- Non-ageing
- Energy efficiency
- New cap design for a better compatibility with all types of clips and easier assembly
- Coordination with IEC 60787, IEC 62271-105 and VDE 0670 T303

APPLICATIONS

- Street lighting system 3,2 kV to 5,5 kV
- Protection of power transformer

STANDARDS

- CEI 60282-1
- IEC 60282-1
- IEC 6064-210

TECHNICAL DATA

	Rated Voltage 3,2 kV, length 180 mm, aL5...12A	Rated Voltage 3,2 kV, length 180mm, gL 0,16...4A	Rated Voltage 3,2 kV, length 190 mm, 2...25A	Rated Voltage 3,2 kV, length 190 mm, 32...100A	Rated Voltage 5,5 kV, length 180 mm	Rated Voltage 5,5 kV, length 250 mm, 20...75 A	Rated Voltage 5,5 kV, length 250 mm, 6...16 A	Rated Voltage 5,5 kV, length 259 mm, 25...100 A	Rated Voltage 5,5 kV, length 259 mm, 6...20 A
Rated current	5 ... 12 A	0.16 ... 4 A	2 ... 25 A	32 ... 100 A	1 ... 4 A	20 ... 75 A	6 ... 16 A	25 ... 100 A	6 ... 20 A
Rated voltage range U _n	3/7.2 kV	3/7.2 kV	3/7.2 kV	3/7.2 kV	3/7.2 kV	3/7.2 kV	3/7.2 kV	3/7.2 kV	3/7.2 kV
Breaking capacity I ₁	17.5 kA	15 kA	50 kA	50 kA	10 kA	40 kA	15 kA	30 kA	30 kA
Peak arc voltage	8 kV	12 kV	15 kV	-	12 kV	12 kV	15 kV	12 kV	18 kV
Package	10	10	1	1	10	1	1	3	3

PRODUCT RANGE

Rated Voltage 3,2 kV, length 180 mm, aL 5...12A

Catalog number	Item number	Rated current I_n	Minimum breaking current $I_s = I_{min}$	Power dissipation at I_n	Length
10AB32V10	V089626	10 A	30 A	4 W	0.18 m
10AB32V12	W089627	12 A	36 A	4.8 W	0.18 m
10AB32V5	M087733	5 A	14 A	2 W	0.18 m
10AB32V6	S089624	6 A	18 A	2.5 W	0.18 m
10AB32V8	T089625	8 A	21 A	3.7 W	0.18 m

Rated Voltage 3,2 kV, length 180mm gL 0,16...4A

Catalog number	Item number	Rated current I_n	Length
10GB32V0,16	E081838	0.16 A	0.18 m
10GB32V1,6	N081409	1.6 A	0.18 m
10GB32V2	Q089622	2 A	0.18 m
10GB32V4	R089623	4 A	0.18 m

Rated Voltage 3,2 kV, length 190 mm, 2...25A

Catalog number	Item number	Rated current I_n	Power dissipation at I_n	Length
36GD32V10	W081807	10 A	14 W	0.19 m
36GD32V10P	H081795	10 A	14 W	0.19 m
36GD32V12	X081808	12 A	17 W	0.19 m
36GD32V12P	G081794	12 A	17 W	0.19 m
36GD32V16	Y081809	16 A	19 W	0.19 m
36GD32V16P	F081793	16 A	19 W	0.19 m
36GD32V2	P081801	2 A	-	0.19 m
36GD32V20	Z081810	20 A	20 W	0.19 m
36GD32V20P	E081792	20 A	20 W	0.19 m
36GD32V25	A081811	25 A	25 W	0.19 m
36GD32V25P	D081791	25 A	25 W	0.19 m
36GD32V3,15	Q081802	3.15 A	-	0.19 m
36GD32V4	R081803	4 A	-	0.19 m
36GD32V5	S081804	5 A	-	0.19 m
36GD32V6,3	T081805	6.3 A	-	0.19 m
36GD32V6P	K081797	6 A	-	0.19 m
36GD32V8	V081806	8 A	-	0.19 m
36GD32V8P	J081796	8 A	-	0.19 m

Rated Voltage 3,2 kV, length 190 mm, 32...100A

Catalog number	Item number	Rated current I_n	Power dissipation at I_n	Length
36GD320V32	B081812	32 A	-	0.19 m
36GD32V100	N081800	100 A	30 W	0.19 m
36GD32V100P	X081785	100 A	30 W	0.19 m
36GD32V32P	C081790	32 A	17 W	0.19 m
36GD32V40	C081813	40 A	19 W	0.19 m
36GD32V40P	B081789	40 A	19 W	0.19 m
36GD32V50	D081814	50 A	23 W	0.19 m
36GD32V50P	A081788	50 A	23 W	0.19 m
36GD32V63	L081798	63 A	25 W	0.19 m
36GD32V63P	Z081787	63 A	25 W	0.19 m
36GD32V80	M081799	80 A	25 W	0.19 m
36GD32V80P	Y081786	80 A	25 W	0.19 m

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Rated Voltage 5,5 kV, length 180 mm

Catalog number	Item number	Rated current I_n	Length
10GB55V1	T081138	1 A	0.18 m
10GB55V4	N081133	4 A	0.18 m
10GF55V4SP	L078624	4 A	0.18 m

Rated Voltage 5,5 kV, length 250 mm, 20...75 A

Catalog number	Item number	Rated current I_n	Power dissipation at I_n	Length
36AJB55V63	V078793	63 A	38 W	0.25 m
36AJB55V63P	K078807	63 A	38 W	0.25 m
36AJB55V75	W078794	75 A	40 W	0.25 m
36AJB55V75P	L078808	75 A	40 W	0.25 m
36GJB55V20	L081614	20 A	16 W	0.25 m
36GJB55V20P	E078802	20 A	16 W	0.25 m
36GJB55V25	Q078789	25 A	20 W	0.25 m
36GJB55V25P	F078803	25 A	20 W	0.25 m
36GJB55V32	R078790	32 A	24 W	0.25 m
36GJB55V32P	G078804	32 A	24 W	0.25 m
36GJB55V40	S078791	40 A	30 W	0.25 m
36GJB55V40P	H078805	40 A	30 W	0.25 m
36GJB55V50	T078792	50 A	35 W	0.25 m
36GJB55V50P	J078806	50 A	35 W	0.25 m

Rated Voltage 5,5 kV, length 250 mm, 6...16 A

Catalog number	Item number	Rated current I_n	Power dissipation at 0.5 I_n	Power dissipation at I_n	Length
36GB55V10	P081617	10 A	-	8 W	0.25 m
36GB55V10P	E081608	10 A	-	8 W	0.25 m
36GB55V12	N081616	12 A	-	9 W	0.25 m
36GB55V12P	D081607	12 A	-	9 W	0.25 m
36GB55V16	M081615	16 A	-	14 W	0.25 m
36GB55V16P	C081606	16 A	-	14 W	0.25 m
36GB55V6	R081619	6 A	4 W	4 W	0.25 m
36GB55V6P	G081610	6 A	-	4 W	0.25 m
36GB55V8	Q081618	8 A	-	5 W	0.25 m
36GB55V8P	F081609	8 A	-	5 W	0.25 m

Rated Voltage 5,5 kV, length 259 mm, 25...100 A

Catalog number	Item number	Rated current I_n	Power dissipation at 0.5 I_n	Power dissipation at I_n	Length
55GD55V100P	M081477	100 A	-	55 W	0.259 m
55GD55V25	H081496	25 A	25 W	25 W	0.259 m
55GD55V25P	T081483	25 A	-	25 W	0.259 m
55GD55V32	G081495	32 A	30 W	30 W	0.259 m
55GD55V32P	S081482	32 A	-	30 W	0.259 m
55GD55V40	F081494	40 A	-	-	0.259 m
55GD55V40P	R081481	40 A	-	34 W	0.259 m
55GD55V50	E081493	50 A	-	40 W	0.259 m
55GD55V50P	Q081480	50 A	-	40 W	0.259 m
55GD55V63	D081492	63 A	40 W	40 W	0.259 m
55GD55V63P	P081479	63 A	-	40 W	0.259 m
55GD55V80	C081491	80 A	50 W	50 W	0.259 m
55GD55V80P	N081478	80 A	-	-	0.259 m

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Rated Voltage 5,5 kV, length 259 mm, 6...20 A

Catalog number	Item number	Rated current I _n	Length
55GD55V12	L081499	12 A	0.259 m
55GD55V12P	X081486	12 A	0.259 m
55GD55V16	K081498	16 A	0.259 m
55GD55V16P	W081485	16 A	0.259 m
55GD55V20	J081497	20 A	0.259 m
55GD55V20P	V081484	20 A	0.259 m
55GD55V6	P081502	6 A	0.259 m
55GD55V6P	A081489	6 A	0.259 m
55GD55V8	N081501	8 A	0.259 m

Rated voltage	Article Number	e	d
6 / 12kV	W1000151	292	65
6 / 12kV	X1000152	292	65
6 / 12kV	Y1000153	292	65
6 / 12kV	Z1000154	292	65
6 / 12kV	A1000155	292	78
6 / 12kV	B1000156	292	88
10 / 24kV	C1000157	442	78
10 / 24kV	D1000158	442	78
10 / 24kV	E1000159	442	78
10 / 24kV	F1000160	442	78
10 / 24kV	G1000161	442	88