

Low-Voltage Fuse Systems

DIAZED Fuse System

DIAZED fuse links

Selection and ordering data

	Size	I_n	Identification color	Thread	Order No.	Price	PG	Weight 1 item	PS*/ P. unit
		A				1 item		kg	Items
Rated voltage 500 V AC/500 V DC									
DIN VDE 0635									
	Slow								
	TNDz	2	pink	E16	5SA2 11		016	0.013	10
		4	brown		5SA2 21		016	0.013	10
		6	green		5SA2 31		016	0.013	10
		10	red		5SA2 51		016	0.013	10
		16	gray		5SA2 61		016	0.013	10
		20	blue		5SA2 71		016	0.015	10
		25	yellow		5SA2 81		016	0.016	10
	Quick								
	NDz	2	pink	E16	5SA1 11		016	0.013	10
		4	brown		5SA1 21		016	0.013	10
		6	green		5SA1 31		016	0.013	10
		10	red		5SA1 51		016	0.013	10
		16	gray		5SA1 61		016	0.013	10
		20	blue		5SA1 71		016	0.015	10
		25	yellow		5SA1 81		016	0.016	10
DIN VDE 0636-301, IEC 60269-3-1									
Utilization category gL/gG									
	DII	2	pink	E27	5SB2 11		016	0.026	5
		4	brown		5SB2 21		016	0.026	5
		6	green		5SB2 31		016	0.026	5
		10	red		5SB2 51		016	0.027	5
		16	gray		5SB2 61		016	0.028	5
		20	blue		5SB2 71		016	0.029	5
		25	yellow		5SB2 81		016	0.031	5
		DIII	32	black	E33	5SB4 010		016	0.048
		35	black		5SB4 11		016	0.050	5
		50	white		5SB4 21		016	0.051	5
		63	copper		5SB4 31		016	0.054	5
		DIV 1)	80	silver	R1¼"	5SC2 11		016	0.110
		100	red		5SC2 21		016	0.110	3
	DIN VDE 0635								
Quick a DIAZED screw adapter for 6 A is used for 5SB1 41									
 	DII	2	pink	E27	5SB1 11		016	0.026	5
		4	brown		5SB1 21		016	0.026	5
		6	green		5SB1 31		016	0.026	5
		10	red		5SB1 41		016	0.026	5
		10	red		5SB1 51		016	0.027	5
		16	gray		5SB1 61		016	0.028	5
		20	blue		5SB1 71		016	0.029	5
		25	yellow		5SB1 81		016	0.031	5
	DIII	35	black	E33	5SB3 11		016	0.050	5
		50	white		5SB3 21		016	0.051	5
		63	copper		5SB3 31		016	0.054	5
	DIV	80	silver	R1¼"	5SC1 11		016	0.110	3
		100	red		5SC1 21		016	0.110	3

1) Rated voltage 500 V AC/400 V DC

DIAZED fuse-links

Selection and ordering data

Size	I _n	Identification color	Thread	Order No.	Price	PG	Weight 1 item	PS*/ P. unit
A					1 item		kg	Items
Rated voltage 690 V AC/600 V DC								
DIN VDE 0636-301, IEC 60269-3-1								
Utilization category gL/gG, DIAZED screw adapters DII are used for fuse links 2 A ... 25 A								
 	DIII	2	pink	E33	5SD8 002	016	0.068	5
		4	brown		5SD8 004	016	0.068	5
		6	green		5SD8 006	016	0.068	5
		10	red		5SD8 010	016	0.068	5
		16	gray		5SD8 016	016	0.069	5
		20	blue		5SD8 020	016	0.071	5
		25	yellow		5SD8 025	016	0.072	5
		35	black		5SD8 035	016	0.078	5
		50	white		5SD8 050	016	0.080	5
		63	copper		5SD8 063	016	0.082	5

Rated voltage 750 V AC/750 V DC								
DIN VDE 0635								
for direct current railway facilities, quick DIAZED screw adapters DII are used for fuse links 2 A ... 25 A								
 	DIII	2	pink	E33	5SD6 01	016	0.068	5
		4	brown		5SD6 02	016	0.068	5
		6	green		5SD6 03	016	0.068	5
		10	red		5SD6 04	016	0.068	5
		16	gray		5SD6 05	016	0.069	5
		20	blue		5SD6 06	016	0.071	5
		25	yellow		5SD6 07	016	0.072	5
		35	black		5SD6 08	016	0.078	5
		50	white		5SD6 10	016	0.080	5
		63	copper		5SD6 11	016	0.082	5

DIAZED fuse links SILIZED
(utilization category gR)

Selection and ordering data

Size	I _n	Identification color	Thread	Order No.	Price	PG	Weight 1 item	PS*/ P. unit
A					1 item		kg	Items
Rated voltage 500 V AC/500 V DC								
DIN VDE 0636-301								
for semiconductor protection, designation, yellow ring utilization category gR, super-quick DIAZED screw adapter DII for 25 A is used for the 30 A fuse links								
	DII	16	gray	E27	5SD4 20	016	0.028	5
		20	blue		5SD4 30	016	0.029	5
		25	yellow		5SD4 40	016	0.031	5
		30			5SD4 80	016	0.031	5
	DIII	35	black	E33	5SD4 50	016	0.050	5
		50	white		5SD4 60	016	0.051	5
		63	copper		5SD4 70	016	0.054	5
	DIV	80	silver	R1¼"	5SD5 10	016	0.110	3
		100	red		5SD5 20	016	0.110	3

* You can order this quantity or a multiple thereof.

Low-Voltage Fuse Systems

DIAZED Fuse System

DIAZED fuse bases

Selection and ordering data

	Size	I_n	Thread	Terminals ¹⁾	Order No.	Price	PG	Weight 1 item	PS*/ P. unit
	A					1 item		kg	Items
DIAZED base made of ceramic									
Rated voltage 500 V AC/500 V DC (for 690 V AC/600 V DC, size DIII bases are to be used together with 5SH1 170 DIAZED screw caps and 5SD8 DIAZED fuse links)									
	1-pole								
		NDz	25	E16	KK	5SF1 012	016	0.060	1/20
		DII	25	E27	BB	5SF1 005	016	0.093	1/15
		DIII	63	E33	BS	5SF1 205	016	0.191	1/15
	for screw connection only								
		NDz	25	E16	KK	5SF1 01	016	0.055	1/20
		DII	25	E27	BB	5SF1 024	016	0.093	1/15
		DIII	63	E33	BS	5SF1 224	016	0.137	1/15
		DIII	63	E33	SS	5SF1 214	016	0.141	1/15
		DIV	100	R1¼"	Flat termination	5SF1 401	016	0.380	1
Rated voltage 750 V AC/750 V DC only for DIAZED screw caps 5SH1 161, only for DIAZED screw adapters DII and DIII, only for DIAZED fuse links 5SD6 with fine thread, with cap.									
	1-pole								
		DIII	63	E33S	KK	5SF4 230	016	0.460	1
Rated voltage 500 V AC/500 V DC (for 690 V AC/600 V DC, size DIII bases are to be used together with 5SH1 170 DIAZED screw caps and 5SD8 DIAZED fuse links)									
	3-pole								
	with cap and N-type fixpoint terminal								
		DII	3×25	E27	BB	5SF5 067	016	0.400	1/8
		DIII	3×63	E33	BB	5SF5 237	016	0.580	1/8
	only for screw connection with cap and N-type fixpoint terminal								
		DII	3×25	E27	KB	5SF5 066	016	0.410	1/8
		DIII	3×63	E33	KB	5SF5 236	016	0.590	1/8

1) Terminal designations, see ET B1 T 2005.

Selection and ordering data

		Size	I_n	Thread	Terminals ¹⁾	Order No.	Price	PG	Weight 1 item	PS*/ P. unit
		A					1 item		kg	Items
DIAZED base made of molded plastic										
		Rated voltage 500 V AC/500 V DC for mounting rail or screw connection anti-slip terminal at ingoing and outgoing feeder casing: Silicone-free Halogen-free Heat-resistant to 150 °C Creep resistance CTI 225 Self-extinguishing according to UL 94								
	1-pole	DII	25	E27	RR	5SF1 060		016	0.152	1/9
		DIII	63	E33	RR	5SF1 260		016	0.186	1/9
	3-pole	DII	3×25	E27	RR	5SF5 068		016	0.457	1/3
		DIII	3×63	E33	RR	5SF5 268		016	0.538	1/3
DIAZED bus-mounting base, EZR										
		for clipping onto 5SH3 5 power rail only for screw connection								
	1-pole	DII	25	E27	B	5SF6 005		016	0.072	1/15
		DIII	63	E33	B	5SF6 205		016	0.135	1/15
	3-pole	DII	3×25	E27	B	5SF2 07		016	0.351	1/5
										

1) Terminal designations, see ET B1 T 2005.

Low-Voltage Fuse Systems

DIAZED Fuse System

DIAZED fuse bases

Accessories

	Size	Thread	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
Mounting parts							
	DIAZED busbar with oblong holes approx. 1000 mm long Cross-section: 12 mm × 2 mm, load capacity up to 80 A for DII, sufficient for 25 bases		5SH3 500		016	0.095	25
	Cross-section: 13 mm × 3 mm, load capacity up to 120 A for DIII, sufficient for 19 bases		5SH3 501		016	0.180	25
	Terminals, non-insulated Pin-type, for two conductors from 2 × 1.5 mm ² up to 16 mm ²		5SH5 326		016	0.016	1/10
	Fork-type, for conductors up to 35 mm ²		5SH3 502		016	0.010	25
	Busbar for DIAZED EZR bus-mounting base suitable for fork-type terminal connection, ready-made drilling with thread for screw adapters, approx. 2000 mm long cross-section 16 mm x 3 mm, load capacity up to 150 A for lateral incoming supply						
	for DII	sufficient for 42 5SF6 005 bases	5SH3 54		016	0.740	1/5
	for DII and DIII	sufficient for 34 5SF6 205 bases	5SH3 55		016	0.740	1/5
	for DIII	sufficient for 27 5SF2 07 bases	5SH3 56		016	0.740	1/5
	EZR bus-mounting terminal non-insulated for conductors up to 16 mm ²		8JH4 122		113	0.012	1
	for conductors up to 35 mm ²		8JH4 124		113	0.024	1
DIAZED covers							
	DIAZED cover molded plastic not for SILIZED fuse links 1-pole (5 DIAZED bases = 12 MW) DII E27		5SH2 032		016	0.017	1/20
	(4 DIAZED bases = 12 MW) DIII E33		5SH2 232		016	0.020	1/20
	Cap molded plastic 1-pole NDz E16		5SH2 01		016	0.028	1/10
	DII E27		5SH2 02		016	0.038	1/20
	DIII E33		5SH2 22		016	0.048	1/20
	DIV R1¼"		5SH2 40		016	0.115	1/5
	Cover ring 1-pole molded plastic also for bus-mounting base EZR DII E27		5SH3 401		016	0.013	5
	DIII E33		5SH3 411		016	0.014	5
	ceramic DII and DIII also for bus-mounting base EZR NDz E16		5SH3 30		016	0.020	1/100
	DII E27		5SH3 32		016	0.029	10
	DIII E33		5SH3 34		016	0.035	10

DIAZED fuse bases

Accessories

Size	Thread	for fuse links	Order No.	Price	PG	Weight 1 item	PS*/ P. unit	
		A		1 item		kg	Items	
Screw adapters, adapter sleeves								
DIAZED screw adapters								
	NDz	E16	2	5SH3 28	016	0.002	10	
			4	5SH3 31	016	0.002	10	
			6	5SH3 05	016	0.002	10	
			10	5SH3 06	016	0.002	10	
			16	5SH3 07	016	0.002	10	
also for mounting in DIAZED base DIII								
	DII 1)	E27	2	5SH3 10	016	0.015	10	
			4	5SH3 11	016	0.015	10	
			6	5SH3 12	016	0.015	10	
			10	5SH3 13	016	0.015	10	
			16	5SH3 14	016	0.014	10	
			20	5SH3 15	016	0.012	10	
			25	5SH3 16	016	0.012	10	
DIII 1)	E33	35	5SH3 17	016	0.019	10		
		50	5SH3 18	016	0.018	10		
		63	5SH3 20	016	0.017	10		
DIAZED adapter sleeve for DIV bases								
	DIV	R1¼"	80	5SH3 21	016	0.006	10	
			100	5SH3 22	016	0.005	10	
DIAZED adapter sleeves for snapping into DIAZED screw caps, if DIAZED fuse links E16 are inserted in DIAZED bases DII			5SH3 01					
	if DIAZED fuse links DII are inserted in DIAZED bases DIII			5SH3 02				
DIAZED adapter sleeve fitter for DII/DIII			5SH3 703		016	0.025	1	
								

1) Suitable for a rated voltage of up to 750 V.

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Accessories

Size	I_n	Thread	Order No.	Price	PG	Weight 1 item	PS* / P. unit
	A			1 item		kg	Items
DIAZED screw caps							
Rated voltage 500 V AC/500 V DC							
	ceramic NDz	25	E16	5SH1 11	016	0.016	5
	molded plastic, with inspection hole, black, not for SILIZED fuse links DII	25	E27	5SH1 221	016	0.026	5
	DIII	63	E33	5SH1 231	016	0.042	5
	narrow version, ceramic DII	25	E27	5SH1 12	016	0.034	5
	DIII	63	E33	5SH1 13	016	0.059	5
	mushroom shape, ceramic, with inspection hole, sealable DII	25	E27	5SH1 22	016	0.050	5
	DIII	63	E33	5SH1 23	016	0.080	5
	ceramic DIV	100	R1¼"	5SH1 141	016	0.181	1
Rated voltage 750 V AC/750 V DC							
	only for 5SD6 DIAZED fuse links and 5SF4 230 DIAZED fuse bases ceramic, with fine thread DIII	63	E33S	5SH1 161	016	0.084	1
Rated voltage 690 V AC/600 V DC							
	only for 5SD8 DIAZED fuse links ceramic, prolonged version DIII	63	E33	5SH1 170	016	0.086	1