

D type fuse-links



“Fuses offer unique advantages compared to other protective devices.”

Due to their compact dimensions, D type fuses from JEAN MÜLLER provide economical overcurrent protection and optimum short-circuit capacities. There are no moving parts subject to wear and pollution by dust, oil or corrosion. Exchanging fuses ensures that the original protection is reliably restored. The risk of arcing at the fault location is minimized.



- Economical protection
- High reliability
- Easy exchange
- Short response time

Product group	Product type	Page
D type fuse-links	D01 /D02, AC400V	03-02
	NDZ / DII / DIII, AC500V	03-04
	DIII, AC690V	03-06
	DIII, AC750V	03-08
	DIII three-channel fuse-links, AC1200V	03-10
Cylindrical fuse-links	AC400V, AC500V, AC690V	03-12
	Ø 10mm x 38mm	03-12
	Ø 14mm x 51mm	03-14
	Ø 22mm x 58mm	03-16

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnecter-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
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Product Definition

D01 and D02 fuse-links in accordance with DIN 49522 and VDE 0636-301 are designed for use with D01 and D02 fuse-bases, screw caps and adapter sleeves. Rated breaking capacity: AC min. 50kA, DC min. 8kA.

Design-related non-interchangeability is achieved in conjunction with D type adapter sleeves.

Applications

This fuse system can be operated by unskilled personnel.

It is mainly used for cable, line and device protection in domestic, industrial and power supply wiring systems.

The compact dimensions of the fuses allow a high degree of fitting density in small distribution boards. Utilization category: gL/gG.



Size	Rated current	Std.P	Type	Art. no.
			D0...	
D01	10A	36	1/10	D0001701
D01	16A	36	1/16	D0002201
D01	2A	36	1/2	D0000901
D01	4A	36	1/4	D0001201
D01	6A	36	1/6	D0001401
D02	20A	50	2/20	D0002402
D02	25A	50	2/25	D0002602
D02	35A	50	2/35	D0003102
D02	50A	50	2/50	D0003502
D02	63A	50	2/63	D0003802

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnector-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
disconnectors

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Product Definition

NDZ fuse-links in accordance with DIN 49360 Part 2 are designed for use in D type fuse-bases E16 in accordance with DIN 49325, screw caps E16 in accordance with DIN 49360 Part 1 and DIN push-in gauge rings in accordance with DIN 49360 Part 3. DII fuse-links in accordance with DIN 49515 and VDE 0636-301 are designed for use with DII fuse-bases E27 in accordance with DIN 49510, DII screw caps in accordance with DIN 49514, DII push-in gauge rings in

accordance with DIN 49362 and DII screw-in gauge rings in accordance with DIN 49516. DIII fuse-links in accordance with DIN 49515 and VDE 0636-301 are designed for use with DIII fuse-bases E33 in accordance with DIN 49510, DIII screw caps in accordance with DIN 49514, DIII push-in gauge rings in accordance with DIN 49362 and DIII screw-in gauge rings in accordance with DIN 49516. Rated breaking capacity: AC min. 50kA, DC min. 8kA. Design-related non-interchangeability is

achieved in conjunction with D type gauge rings.

Applications

This fuse system can be operated by unskilled personnel. It is mainly used for cable, line and device protection in domestic, industrial and power supply wiring systems. The fuse-links are available with gF, gL/gG and gR characteristics.



Utilization category	Size	Rated current	Std.P	Type	Art. no.
				...	
gB	DIII	35A	25	BD3/35	D3613100
gB	DIII	50A	25	BD3/50	D3613500
gB	DIII	63A	25	BD3/63	D3613800
gF	DII	10A	5	GFD2/10	D2611700
gF	DII	16A	5	GFD2/16	D2612200
gF	DII	2A	5	GFD2/2	D2610900
gF	DII	20A	5	GFD2/20	D2612400
gF	DII	25A	5	GFD2/25	D2612600
gF	DII	4A	5	GFD2/4	D2611200
gF	DII	6A	5	GFD2/6	D2611400
gF	NDz	10A	25	GFNDZ/10	D1611700
gF	NDz	16A	25	GFNDZ/16	D1612200
gF	NDz	2A	25	GFNDZ/2	D1610900
gF	NDz	20A	25	GFNDZ/20	D1612400
gF	NDz	25A	25	GFNDZ/25	D1612600
gF	NDz	4A	25	GFNDZ/4	D1611200
gF	NDz	6A	25	GFNDZ/6	D1611400
gL.gT	DII	10A	5	GLD2/10	D2011700
gL.gT	DII	16A	5	GLD2/16	D2012200
gL.gT	DII	2A	5	GLD2/2	D2010900
gL.gT	DII	20A	5	GLD2/20	D2012400
gL.gT	DII	25A	5	GLD2/25	D2012600
gL.gT	DII	4A	5	GLD2/4	D2011200
gL.gT	DII	6A	5	GLD2/6	D2011400
gL.gT	DIII	35A	0	GLD3/35	D3013100
gL.gT	DIII	50A	0	GLD3/50	D3013500
gL.gT	DIII	63A	0	GLD3/63	D3013800
gR	DII	10A	50	GRD2/10	D2711700
gR	DII	16A	50	GRD2/16	D2712200
gR	DII	2A	50	GRD2/2	D2710900
gR	DII	20A	50	GRD2/20	D2712400
gR	DII	25A	50	GRD2/25	D2712600
gR	DII		50	GRD2/30	D2712700
gR	DII	4A	50	GRD2/4	D2711200
gR	DII	6A	50	GRD2/6	D2711400
gR	DIII	35A	25	GRD3/35	D3713100
gR	DIII	50A	25	GRD3/50	D3713500
gR	DIII	63A	25	GRD3/63	D3713800
gR	NDz	10A	25	GRNDZ/10	D1711700
gR	NDz	16A	25	GRNDZ/16	D1712200
gR	NDz	2A	25	GRNDZ/2	D1710900
gR	NDz	20A	25	GRNDZ/20	D1712400
gR	NDz	25A	25	GRNDZ/25	D1712600
gR	NDz	4A	25	GRNDZ/4	D1711200
gR	NDz	6A	25	GRNDZ/6	D1711400
gL.gT	NDz	10A	25	GTNDZ/10	D1011700
gL.gT	NDz	16A	25	GTNDZ/16	D1012200
gL.gT	NDz	2A	25	GTNDZ/2	D1010900
gL.gT	NDz	20A	25	GTNDZ/20	D1012400
gL.gT	NDz	25A	25	GTNDZ/25	D1012600
gL.gT	NDz	4A	25	GTNDZ/4	D1011200
gL.gT	NDz	6A	25	GTNDZ/6	D1011400

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnector-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
disconnectors

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Product Definition

DIII fuse-links for AC690V and DC600V are 70mm long, while the AC500V version is 50mm long. They are standardized in accordance with DIN 49367 and VDE 0636-31. In conjunction with D type push-in gauge rings in accordance with DIN 49362, D

type screw-in gauge rings in accordance with DIN 49516 and screw caps in accordance with DIN 49514, the fuse-links are used in D type fuse-bases in accordance with DIN 49510. Non-interchangeability is achieved by a grading of the fuse-base contacts with the gauge pieces.

Applications

This fuse system can be operated by unskilled personnel. It is used for cable, line and device protection in domestic, industrial and power supply wiring systems. The fuse-links are available with gL/gG characteristic.



Rated current	Std.P	Type	Art. no.
		D3/...	
10A	25	10/69	D3081700
16A	25	16/69	D3082200
2A	25	2/69	D3080900
20A	25	20/69	D3082400
25A	25	25/69	D3082600
35A	25	35/69	D3083100
4A	25	4/69	D3081200
50A	25	50/69	D3083500
6A	25	6/69	D3081400
63A	25	63/69	D3083800

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnecter-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
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Product Definition

DIII fuse-links for AC750V and DC750V have the same dimensions as the 690V version. They are standardized in accordance with DIN 49367. In conjunction with D type push-in gauge rings in accordance with DIN 49362, D type screw-in gauge rings in accordance with DIN 49516 and screw caps in accordance with

DIN 49514, the fuse-links are used in D type fuse-bases in accordance with DIN 49328 and 49335. Non-interchangeability is achieved by a grading of the fuse-base contacts with the adapter rings or screws.

Applications

This fuse system can be operated by unskilled personnel.

It is mainly used for the protection of DC railway systems. The quick acting characteristic of the fuse-links (gF) provides an effective current limitation where high short-circuit currents are involved. Utilization category: gF.



Rated current	Std.P	Type	Art. no.
		D3/...	
10A	25	10/750	D3631700
16A	25	16/750	D3632200
2A	25	2/750	D3630900
20A	25	20/750	D3632400
25A	25	25/750	D3632600
35A	25	35/750	D3633100
4A	25	4/750	D3631200
50A	25	50/750	D3633500
6A	25	6/750	D3631400
63A	25	63/750	D3633800

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnector-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
disconnectors

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1.20.01.050
DIII three-channel
fuse-links, AC1200V

Product Definition

DIII three-channel fuses are used in systems with rated voltages up to 1200V. They have the same dimensions as 690V and 750V D type fuses in accordance with DIN 49367. In order to ensure the interruption of the high voltages in the identically sized fuse bodies, the

fuse-element is arranged in three channels in the form of a loop.

Applications

This fuse system can be operated by unskilled personnel.

It is mainly used for the protection of railway systems. The quick acting character-

istic of the fuse-links (gF) provides an effective current limitation. Utilization category: gF (quick acting).



Rated current	Std.P	Type	Art. no.
		D3/...	
10A	25	10/3-1200	D6651700
16A	25	16/3-1200	D6652200
2A	25	2/3-1200	D6650900
20A	25	20/3-1200	D6652400
25A	25	25/3-1200	D6652600
35A	25	35/3-1200	D6653100
4A	25	4/3-1200	D6651200
6A	25	6/3-1200	D6651400

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnecter-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
disconnectors

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Appendix

Fuses

Cylindrical fuse-links

Utilization category
gL/gG, gR

1.20.02.010
Ø 10mm x 38mm
(AC 400V/500V/600V)

Product line

Cylindrical fuses are specified in the French standard NF C63-210 and in IEC 269-2. They are inserted in switch-disconnectors, in fuse-bases and directly on current converter boards using clamping contacts.

Applications

Cylindrical fuse-links with the characteristic gL/gG are used for cable and line protection. They are full range fuses for both overcurrent and short-circuit protection. Very quick acting (high speed) fuse-links (with gR characteristic) are used for the protection of semiconductor components (di-

odes, thyristors, power transistors etc.) in power and frequency converters. The cylindrical fuses are also available with plunger indicators for indication of the switching state. Characteristics: gL/gG, gR.



Utilization category	Rated current	Rated voltage	Std.P	Type	Art. no.
				Z10G...	
gL	10A	500VAC	25	L10	D7011700
gL	16A	500VAC	25	L16	D7012200
gL	2A	500VAC	25	L2	D7010900
gL	20A	500VAC	25	L20	D7012400
gL	32A	400VAC	25	L32/4	D7002900
gL	4A	500VAC	25	L4	D7011200
gL	6A	500VAC	25	L6	D7011400
gR	10A	600VAC	25	R10	D7721700
gR	12A	600VAC	25	R12	D7721900
gR	16A	600VAC	25	R16	D7722200
gR	20A	600VAC	25	R20	D7722400
gR	25A	600VAC	25	R25	D7722600
gR	30A	600VAC	25	R30	D7722700
gR	6A	600VAC	25	R6	D7721400
gR	8A	600VAC	25	R8	D7721600

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnecter-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
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1.20.02.020
 Ø 14mm x 51mm
 (AC400V, AC500V,
 AC690V)

Product Definition

Cylindrical fuses are specified in the French standard NF C63-210 and in IEC 269-2.

They are inserted in switch-disconnectors, in fuse-bases and directly on current converter boards using clamping contacts.

Applications

Cylindrical fuse-links with the characteristic gL/gG are used for cable and line protection. They are full range fuses for both overcurrent and short-circuit protection. Very quick acting (high speed) fuse-links (with gR characteristic) are used for the protection of semiconductor components (di-

odes, thyristors, power transistors etc.) in power and frequency converters. The cylindrical fuses are also available with plunger indicators for indication of the switching state. Characteristics: gL/gG, gR.



Utilization category	Rated current	Rated voltage	Indicator	Std.P	Type	Art. no.
					Z14G...	
gL	10A	690VAC	Without	25	L10/69	D7081710
gL	10A	690VAC	With	25	L10/69K	D7081711
gL	12A	690VAC	Without	25	L12/69	D7081910
gL	12A	690VAC	With	25	L12/69K	D7081911
gL	16A	690VAC	Without	25	L16/69	D7082210
gL	16A	690VAC	With	25	L16/69K	D7082211
gL	2A	690VAC	Without	25	L2	D7010910
gL	2A	690VAC	With	25	L2/69K	D7080911
gL	20A	690VAC	Without	25	L20/69	D7082410
gL	20A	690VAC	With	25	L20/69K	D7082411
gL	25A	690VAC	Without	25	L25/69	D7082610
gL	25A	690VAC	With	25	L25/69K	D7082611
gL	32A	500VAC	Without	25	L32	D7012910
gL	4A	690VAC	Without	25	L4/49	D7081210
gL	4A	690VAC	With	25	L4/69K	D7081211
gL	40A	500VAC	Without	25	L40	D7013410
gL	40A	500VAC	With	25	L40K	D7013411
gL	6A	690VAC	Without	25	L6/69	D7081410
gL	6A	690VAC	With	25	L6/69K	D7081411
gL	8A	690VAC	Without	25	L8/69	D7081610
gL	8A	690VAC	With	25	L8/69K	D7081611
gR	10A	600VAC	Without	25	R10	D7721710
gR	10A	600VAC	With	25	R10K	D7721711
gR	12A	600VAC	Without	25	R12	D7721910
gR	12A	600VAC	With	25	R12K	D7721911
gR	16A	600VAC	Without	25	R16	D7722210
gR	16A	600VAC	With	25	R16K	D7722211
gR	20A	600VAC	Without	25	R20	D7722410
gR	20A	600VAC	With	25	R20K	D7722411
gR	25A	600VAC	Without	25	R25	D7722610
gR	25A	600VAC	With	25	R25K	D7722611
gR	32A	600VAC	Without	25	R32	D7722910
gR	32A	600VAC	With	25	R32K	D7722911
gR	40A	600VAC	Without	25	R40	D7723410
gR	40A	600VAC	With	25	R40K	D7723411
gR	6A	600VAC	Without	25	R6	D7721410
gR	6A	600VAC	With	25	R6K	D7721411
gR	8A	600VAC	Without	25	R8	D7721610
gR	8A	600VAC	With	25	R8K	D7721611

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnector-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
disconnectors

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Fuses

Cylindrical fuse-links

**Utilization category
gL/gG, gR**

**1.20.02.030
Ø 22mm x 51mm
(AC400V, AC500V,
AC690V)**

Product Definition

Cylindrical fuses are specified in the French standard NF C63-210 and in IEC 269-2. They are inserted in switch-disconnectors, in fuse-bases and directly on current converter boards using clamping contacts.

Applications

Cylindrical fuse-links with the characteristic gL/gG are used for cable and line protection. They are full range fuses for both overcurrent and short-circuit protection. Very quick acting (high speed) fuse-links (with gR characteristic) are used for the protection of semiconductor components (di-

odes, thyristors, power transistors etc.) in power and frequency converters. The cylindrical fuses are also available with plunger indicators for indication of the switching state. Characteristics: gL/gG, gR.



Utilization category	Rated current	Rated voltage	Indicator	Std.P	Type	Art. no.
					Z22G...	
gL	100A	500VAC	With	10	L100K	D7014321
gL	32A	690VAC	Without	10	L32/69	D7082920
gL	32A	690VAC	With	10	L32/69K	D7082921
gL	40A	690VAC	Without	10	L40/69	D7083420
gL	40A	690VAC	With	10	L40/69K	D7083421
gL	50A	690VAC	Without	10	L50/69	D7083520
gL	50A	690VAC	With	10	L50/69K	D7083521
gL	63A	690VAC	Without	10	L63/69	D7083820
gL	63A	690VAC	With	10	L63/69K	D7083821
gL	80A	690VAC	Without	10	L80/69	D7084120
gL	80A	690VAC	With	10	L80/69K	D7084121
gR	100A	600VAC	Without	10	R100	D7724320
gR	25A	600VAC	Without	10	R25	D7722620
gR	25A	600VAC	With	10	R25K	D7722621
gR	32A	600VAC	Without	10	R32	D7722920
gR	32A	600VAC	With	10	R32K	D7722921
gR	40A	600VAC	Without	10	R40	D7723420
gR	40A	600VAC	With	10	R40K	D7723421
gR	50A	600VAC	Without	10	R50	D7723520
gR	50A	600VAC	With	10	R50K	D7723521
gR	63A	600VAC	Without	10	R63	D7723820
gR	63A	600VAC	With	10	R63K	D7723821
gR	80A	600VAC	Without	10	R80	D7724120
gR	80A	600VAC	With	10	R80K	D7724121

LV-
HRC fuse-
links

HV-
HRC fuse-
links

D-
type fuse-
links

D-
type fuse-
bases

Switch-dis-
connector-fuses
(SASIL) LV HRC
system

Switch-
disconnect-
fuses (SASIL)
BS system

Terminals

LV
HRC strip-
fuseways

LV HRC
strip-type fuse
switch-disconnectors

LV HRC
fuse-
bases

LV HRC
fuse switch-
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