





**D/D0-FUSE-SYSTEM**



**MULTIBLOC®**



**EUROFUSE®**



**MULTIVERT®**



**BSL**



**NH-FUSE-MATERIAL**



**MULTIFIX® 60**



**CYLINDRICAL-SYSTEM**



**MINIATURE FUSE-SYSTEM**



**HIGH VOLTAGE FUSE LINKS**



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## D/D0-fuse system

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## Product presentation D/D0-fuse system

**m.schneider** offers complete systems in the field of D-and D0-fuse systems.

The product portfolio comprises:

- ◆ fuse links
- ◆ fuse bases
- ◆ screw caps and accessories
- ◆ switchgears

### D0-fuse system

DIN VDE 0636-301

nominal current 400 V AC, 250 V DC

nominal switching capacity AC 50 kA, DC 8 kA

#### characteristics:

„gG“-protection of cables and power lines

„gR“-ultra rapid, semi conductor protection

#### sizes/nominal currents:

- D01 / 2–16 A
- D02 / 20–63 A
- D03 / 80–100 A

### D-fuse system

DIN VDE 0636-301

nominal current AC 400 /500 V, 250 V DC

nominal switching capacity AC 50 kA, DC 8 kA

#### characteristics:

„gG“-protection of cables and power lines

„gR“-ultra rapid, semi conductor protection

#### sizes/nominal currents:

- NDZ / 2–40 A
- DII / 2–25 A
- DIII / 32–63 A
- DIV / 80–100 A
- DV / 125–200 A

subject to alteration

### Application and function of D- and D0-fuse links

#### D- and D0 „gG“ – protection of cables and power lines

The range of applications for D- and D0-fuse links for general application "gG" is the protection of cables and power lines. They limit and cut off unacceptable overcurrents and short circuit currents up to their nominal breaking capacity. D-/D0-fuse links "gG" also protect electrical equipment and installations against dynamic effect of high short circuit currents.

#### D- and D0 „gR“ – semi conductor protection – ultra rapid

D/D0-fuse links "gR" are used for the protection of components such as diodes, thyristors or AC/DC motor drives. The "R" stands for the English word Rectifier. D-fuse links are available at the nominal current range from 2 A up to 200 A, D0-fuse links from 6 A up to 63 A.

#### Applications:

- ◆ distribution cabinets
- ◆ meter distribution units
- ◆ house incoming units
- ◆ installation cabinets
- ◆ fuse boxes



subject to alteration

## Advantages D/D0-fuse system

- ◆ insulated body suitable for high mechanical and thermal impacts
- ◆ top and bottom contacts made of nickel plated copper alloy
- ◆ safe cut off of short circuits and over currents due to special design of fuse element
- ◆ clear indication of operation condition due to coloured indicator on top contact
- ◆ low power dissipation
- ◆ optimised sizes
- ◆ resistant to ageing

Our D/D0-fuse links are especially resistant to aging due to the use of special alloy fuse element. This means that the fuse link can be permanently loaded up to 1.15 times nominal current and pulsating to 80% of the current coordinate with relevant time, without changing the time/current characteristic.

### ◆ Selectivity

m.schneider D/D0-fuse links „gG“ have a selectivity of 1:1.25 alternatively 1:1.6 (ratio of currents),

### ◆ High current limiting

The high current limiting of the D/D0-fuse links enables a reduced mechanical design or electrical installation due to the strong limiting of the electro dynamic short circuit effects.

### ◆ High breaking capacity: 50 kA

m.schneider D/D0-fuse links are able to cut off short circuits up to 50 kA. This value exceeds those occurring in practical use.

subject to alteration



### Specification

The D-fuse system is the oldest of the screw fuse systems. It is still used in many installations. Applications are low voltage distribution units, where non trained persons are allowed to change the fuse links.

The production programme of the D-fuse system comprises:

- ◆ Fuse links “gG” and “gR”
- ◆ Fuse links “rapid” and “slow” – for existing distribution units
- ◆ Screw caps
- ◆ Fuse bases
- ◆ Adapter screws
- ◆ Adapter rings
- ◆ Cartridges
- ◆ Adapter screw wrench
- ◆ Holding chuck

### Characteristic:

The first letter classifies the function, the second the mode of operation.

gG ... full range protection of cables and power lines (G ... General)  
gR ... full range protection of semi conductors (R ... Rectifier)

### Colour system for rated currents:

2 A	pink
4 A	brown
6 A	green
10 A	red
13 A	black
16 A	grey
20 A	blue
25 A	yellow
32/35/40 A	black
50 A	white
63 A	copper
80 A	silver
100A	rot

subject to alteration





### Advantages

The D-fuse system was originally designed for a rated voltage of 500 V AC.

**m.schneider's** new concept of energy saving fuse links 400 V AC is now also implemented for the range of D-fuse links.



### D-fuse links 400 V AC 250 V DC – *energy saving*

#### “gG” – general application (e.g. protection of cables and power lines)

- ◆ Power dissipation considerably reduced compared to fuse links 500 V AC "gG"
- ◆ Reduced energy consumption - cost reduction
- ◆ Low heating (reduction up to 20%)
- ◆ Easy replacement of D-fuse links 500 V AC– identical dimensions and time/ current characteristics
- ◆ Combination of D-fuse links 400 V AC and 500 V AC AC possible (step by step replacement)
- ◆ Secure cut off of short circuits and over currents
- ◆ Clear indication of operation condition due to coloured indicator on top contact
- ◆ Resistant to ageing
- ◆ Free of lead, cadmium, mercury, chrome 6 (rohs conformity)

subject to alteration



## Technical data D-fuse system

	NDZ <sup>1)</sup>	DII	DIII	DIV <sup>1)</sup>	DV <sup>1)</sup>
nominal voltage	AC/DC 500 V	400 V AC 250 V DC AC/DC 500 V	400 V AC 250 V DC AC/DC 500 V	400 V AC 250 V DC AC/DC 500 V	AC/DC 500 V
nominal current	2 up to 40 A	2 up to 25A	32 up to 63A	80 up to 100A	125 up to 200A
nominal short breaking capacity	AC 4 kA, DC 1,6 kA	AC 50 kA, DC 8 kA	AC 50 kA, DC 8 kA	AC 50 kA, DC 8 kA	AC 50 kA, DC 8 kA
charcteristic	gG, gR	gG, gR	gG, gR	gG, gR	gG, gR
rated frequency	45 up to 62 Hz	45 up to 62 Hz	45 up to 62 Hz	45 up to 62 Hz	45 up to 62 Hz
standards	VDE 0635, DIN 49 360	IEC/EN 60 269, VDE 0636	IEC/EN 60 269, VDE 0636	IEC/EN 60 269, VDE 0636	DIN 49 515
screw caps	thread E16 (K I) max. 25 A	thread E27 (K II), max. 25 A	thread E33 (K III), max. 63 A	thread R 1,25" (K IV), max. 100 A	
adapter inserts	identification of nominal currents ratings				
<u>design</u>					
fuse link:	screw in fuse with indicator for switching condition (disc shaped indicator)				
screw cap:	ceramic design with testing hole and sealing hole (optional)				
<u>materials used:</u>					
insulation components (links, screw caps, bases)	porcelain				
arc extinguishing material	quartz sand				
contacts	brass/copper, nickel-plated/silver-plated				
window	glass				
fuse element	copper, silver				
thread components	nickel-plated brass				
snap on device for DIN-rails	spring steel zinc coated				
screws	steel galvanized				
adapter rings, adapter inserts, holding chuck	ceramic				
screw removal and insertion key	polystyrol				
all products are free of lead, cadmium, mercury, chrome- 6					

1) for application in existing distribution units

subject to alteration



## D-fuse-system

11

### D-fuse links 400 V AC/250 V DC

energy saving reduced power dissipation, extended life endurance, low heating

“gG” general application (e.g. protection of cables and power lines)



042010



042025



043032



043063



044080



044100

D-fuse links	400 V AC, 250 V DC	“gG”	energy saving	E 27
article-number	design		weight kg/piece	package pieces
DII gG	nominal current	colour		
042002	2 A	pink	0.03	5/500
042004	4 A	brown	0.03	5/500
042006	6 A	green	0.03	5/500
042010	10 A	red	0.03	5/500
042011	10 A / 6 A <sup>1)</sup>	red/green	0.03	5/500
042013	13 A	black	0.03	5/500
042016	16 A	grey	0.03	5/500
042020	20 A	blue	0.03	5/500
042025	25 A	yellow	0.03	5/500

D-fuse links	400 V AC, 250 V DC	“gG”	energy saving	E 33
article-number	design		weight kg/piece	package pieces
D III gG	nominal current	colour		
043032	32 A	black	0.05	5/250
043035	35 A <sup>2)</sup>	black	0.05	5/250
043040	40 A <sup>3)</sup>	black	0.05	5/250
043050	50 A	white	0.05	5/250
043063	63 A	copper	0.05	5/250

D-fuse links	AC 400 V, 250 V DC	“gG”	energy saving	R 11¼
article-number	design		weight kg/piece	package pieces
D IV gG	nominal current	colour		
044080	80 A	silver	0.1	10
044100	100 A	red	0.1	10

- 1)  $I_N = 10$  A, dimension of bottom contact is equivalent to that of 6 A fuse link
- 2)  $I_N = 32$  A, dimension of bottom contact is equivalent to that of 35 A fuse link
- 3)  $I_N = 40$  A, dimension of bottom contact is equivalent to that of 35 A fuse link

subject to alteration



## D-fuse links 500 V

“gG” general application (e.g. protection of cables and power lines)



028701



0290



0267



0232



0269

D-fuse links 500 V				E 27	
article-number	article-number	article-number	design	weight kg/piece	package pieces
DT II gG	D II rapid <sup>1)</sup>	DT II slow <sup>1)</sup>	nominal current		
028001	022001	025701	2 A	0.03	5/25/500
028101	022101	025801	4 A	0.03	5/25/500
028201	022201	025901	6 A	0.03	5/25/500
028301	022301	026001	10 A	0.03	5/25/500
028401	022401	026101	10 A / 6 A <sup>2)</sup>	0.03	5/25/500
028405			13 A	0.03	5/25/500
028501	022501	026201	16 A	0.03	5/25/500
028601	022601	026301	20 A	0.03	5/25/500
028701	022701	026401	25 A	0.03	5/25/500

D-fuse links 500 V				E 33	
article-number	article-number	article-number	design	weight kg/piece	package pieces
DT III gG	D III rapid <sup>1)</sup>	DT III slow <sup>1)</sup>	nominal current		
028708			32 A <sup>3)</sup>	0.05	5/25/500
0288	0228	0265	35 A	0.05	5/25/500
028801			40 A <sup>4)</sup>	0.05	5/25/500
0289	0229	0266	50 A	0.05	5/25/500
0290	0230	0267	63 A	0.05	5/25/500

D-fuse links 500 V			R 1 1/4"	
article-number	article-number	design	weight kg/piece	package pieces
D IV rapid	DT IV slow	nominal current		
0231	0268	80 A	0.10	10
0232	0269	100 A	0.10	10

1) “rapid” or “slow” existing distribution unit. Fuse links “slow” can be replaced by fuse links “gG”.

2)  $I_N = 10$  A, dimension of bottom contact is equivalent to that of 6A fuse link

3)  $I_N = 32$  A, dimension of bottom contact is equivalent to that of 35 A fuse links

4)  $I_N = 40$  A, dimension of bottom contact is equivalent to that of 35 A fuse links

subject to alteration



## D-fuse links 500 V DV, NDZ

“rapid” or “slow” for exististing distribution units



0236

D-fuse links 500 V		R 2"	weight kg/piece	package pieces
article- number	article- number	design		
D V rapid <sup>1)</sup>	DT V slow <sup>1)</sup>	nominal current		
0235	0270	125 A	0.20	10
0236	0271	160 A	0.20	10
0237	0272	200 A	0.20	10



0204

D-fuse links 500 V		E 16	weight kg/piece	package pieces
article- number	article- number	design		
NDZ rapid	TNDZ slow	nominal current		
0200	0207	2 A	0.01	25/500
0201	0208	4 A	0.01	25/500
0202	0209	6 A	0.01	25/500
0203	0210	10 A	0.01	25/500
0204	0211	16 A	0.01	25/500
0205	0212	20 A	0.01	25/500
0206	0213	25 A	0.02	25/500
0217	0214	30 A	0.02	25/500
0218	0215	35 A	0.02	25/500
	0216	40 A	0.02	25/500

1) “rapid” or “slow” existing distribution unit. Fuse links “slow” can be replaced by fuse links “gG”.

subject to alteration





## D-fuse links 500 V

“gR” ultra rapid – semi conductor protection



013 025



014 025



015 063



017 200

D-fuse links 500 V “gR” ultra rapid – semi conductor protection					
article-number	design			weight kg/piece	package pieces
		type	nominal current		
013 002	NDZ	E 16	2 A	0.012	25
013 004	NDZ	E 16	4 A	0.012	25
013 006	NDZ	E 16	6 A	0.012	25
013 010	NDZ	E 16	10 A	0.013	25
013 016	NDZ	E 16	16 A	0.014	25
013 020	NDZ	E 16	20 A	0.015	25
013 025	NDZ	E 16	25 A	0.016	25
014 002	DII	E 27	2 A	0.027	5/25/500
014 004	DII	E 27	4 A	0.027	5/25/500
014 006	DII	E 27	6 A	0.027	5/25/500
014 010	DII	E 27	10 A	0.027	5/25/500
014 016	DII	E 27	16 A	0.028	5/25/500
014 020	DII	E 27	20 A	0.029	5/25/500
014 025	DII	E 27	25 A	0.030	5/25/500
015 035	DIII	E 33	35 A	0.048	25/500
015 050	DIII	E 33	50 A	0.049	25/500
015 063	DIII	E 33	63 A	0.052	25/500
016 080	DIV	R 1 1/4"	80 A	0.105	10
016 100	DIV	R 1 1/4"	100 A	0.110	10
017 125	DV	R 2"	125 A	0.185	10
017 160	DV	R 2"	160 A	0.210	10
017 200	DV	R 2"	200 A	0.215	10

subject to alteration



## D-screw caps 400/500 V



0320

0321



0322

D-screw caps with testing and sealing hole					
article-number	type	nominal current	design	weight kg/piece	package pieces
0320	E 16	25 A <sup>1)</sup>	K I (NDZ)	0.02	50
0321	E 27	25 A	K II (DII)	0.05	50/250
0322	E 33	63 A	K III (DIII)	0.07	50/250



0318

0319

D-screw caps with removal grips and testing hole					
article-number	type	nominal current	design	weight kg/piece	package pieces
0318	E 27	25 A	K II GM (DII)	0.04	50/250
0319	E 33	63 A	K III GM (DIII)	0.07	50/250

1) without testing and sealing hole

subject to alteration

## D-fuse base 400/500 V single pole – ceramic



### screw on fixing



0361

0362

D-fuse bases single pole				without insulating ring	
article-number	type	nominal current	design	weight kg/piece	package pieces
0361	E 27	25 A	clamping yoke/ clamping yoke A/A	0.12	20
0362	E 33	63 A	clamp strap/clamp strap B/B	0.18	20



0366

0367

D-fuse bases single pole				with ceramic insulating ring	
article number	type	nominal current	design	weight kg/piece	package pieces
0366	E 27	25 A	clamping yoke/ clamping yoke A/A	0,8	20
0367	E 33	63 A	clamp strap/clamp strap B/B	0.22	20

### snap on fixing



0370

0371

D-fuse bases single pole without synthetic cover caps, without insulating ring					
article number	type	nominal current	design	weight kg/piece	package pieces
0370	E 27	25 A	clamping yoke/ clamping yoke A/A	0.18	20
0371	E 33	63 A	clamp strap/clamp strap B/B	0.22	20



037001

037101

D-fuse bases single pole				with synthetic cover caps	
article-number	type	nominal current	design	weight kg/piece	package pieces
037 001	E 27	25 A	clamping yoke/ clamping yoke A/A	0.18	20
037 101	E 33	63 A	clamp strap/clamp strap B/B	0.22	20



0372

0373

D-fuse bases single pole				with ceramic insulating ring	
article-number	type	nominal current	design	weight kg/piece	package pieces
0372	E 27	25 A	clamping yoke/ clamping yoke A/A	0.18	20
0373	E 33	63 A	clamp strap/clamp strap B/B	0.22	20

A clamping yoke  
B clamp strap

subject to alteration



## D-fuse bases 400/500 V triple pole



### screw on fixing



0380



038101

D-fuse bases triple pole 500 V					
article number	type	nominal current	design	weight kg/piece	package pieces
0380	E 27	25 A	clamping yoke/ clamping yoke A/A	0.40	4
0381	E 33	63 A	clamp strap/clamp strap B/B	0.60	6

### snap on fixing

D-fuse bases triple pole 500 V					
article number	type	nominal current	design	weight kg/piece	package pieces
038001	E 27	25 A	clamping yoke/ clamping yoke A/A	0.40	4
038101	E 33	63 A	clamp strap/clamp strap B/B	0.60	6



0382

### insulating rings

Ceramic insulating rings for D-fuse bases				
article number	type	nominal current	weight kg/piece	package pieces
0382	E 27	25 A	0.02	1
0383	E 33	63 A	0.03	1



0386

### cover caps

Synthetic cover caps 45 mm for D-fuse bases				
article number	type	nominal current	weight kg/piece	package pieces
0386	E 27	25 A	0.02	30
0387	E 33	63 A	0.02	30

- A clamping yoke
- B clamp strap

drawing of types of terminals see page 44.

subject to alteration



## Accessories for D-fuse system



033101



033501

D-adapter screws				E 27
article-number	type	nominal current	weight kg/piece	package pieces
033001	D II (E 27)	2 A	0.01	25/250
033101	D II (E 27)	4 A	0.01	25/250
033201	D II (E 27)	6 A	0.01	25/250
033301	D II (E 27)	10 A	0.01	25/250
033401	D II (E 27)	16 A	0.01	25/250
033501	D II (E 27)	20 A	0.01	25/250
033601	D II (E 27)	25 A	0.01	25/250



033601



033801

D-adapter screws				E 33
article-number	type	nominal current	weight kg/piece	package pieces
033701	D III (E 33)	35 A	0.02	25/250
033801	D III (E 33)	50 A	0.02	25/250
033901	D III (E 33)	63 A	0.02	25/250



0340



0344



0346

D-adapter rings				E 27
article-number	type	nominal current	weight kg/piece	package pieces
0340	D II (E 27)	2 A	0.001	50/500
0341	D II (E 27)	4 A	0.001	50/500
0342	D II (E 27)	6 A	0.001	50/500
0343	D II (E 27)	10 A	0.001	50/500
0344	D II (E 27)	16 A	0.001	50/500
0345	D II (E 27)	20 A	0.001	50/500
0346	D II (E 27)	25 A	0.001	50/500

subject to alteration



## Accessories for D-fuse system



0347



0355

D-adapter rings				E 33
article-number	type	nominal current	weight kg/piece	package pieces
0347	D III (E 33)	35 A	0.001	50/500
0348	D III (E 33)	50 A	0.001	50/500
0355	D III (E 33)	63 A	0.001	50/500



0349



0350

D-cartridges DIV				R 1 1/4"
article-number	type	nominal current	weight kg/piece	package pieces
0349	D IV (R 1 1/4")	80 A	0.01	25
0350	D IV (R 1 1/4")	100 A	0.01	25



0354

D-adapter screw wrench PSS			
article-number	type <sup>1)</sup>	weight kg/piece	package pieces
0354	D II – D III	0.04	1/200



0326

Holding chuck HF for DII fuse links in DIII-screw caps			
article-number	type	weight kg/piece	package pieces
0326	D III- D II	0.02	50

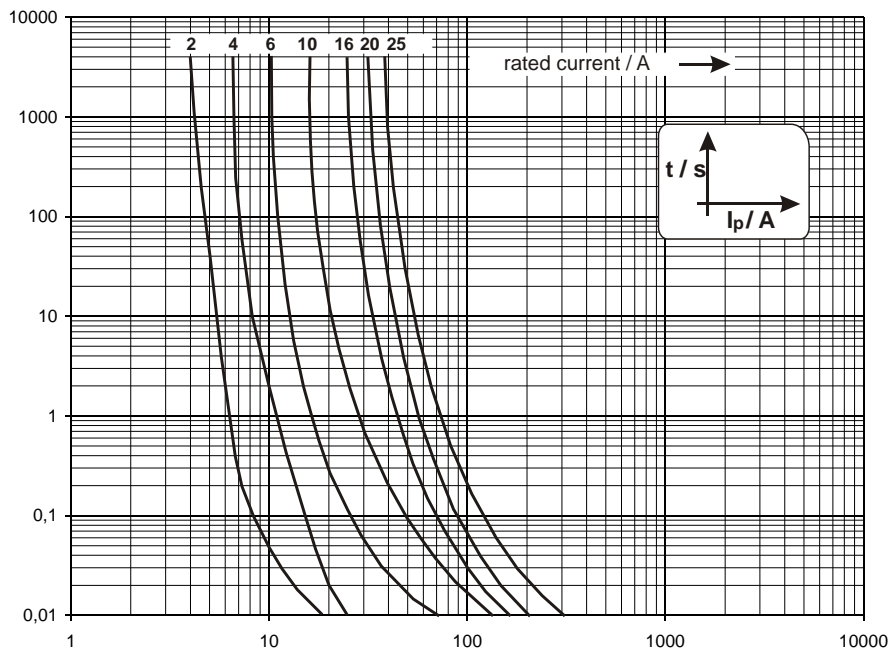
1) dimension and function see page .

subject to alteration

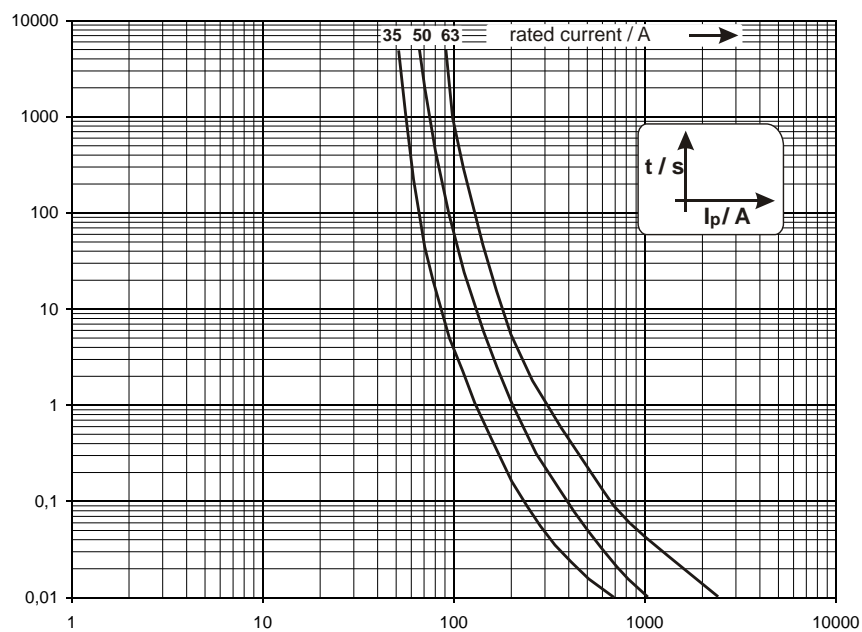


## Time/current characteristics

DII fuse links	E 27	500 V AC	“rapid”
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DIII fuse links	E 33	500 V AC	“rapid”
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subject to alteration



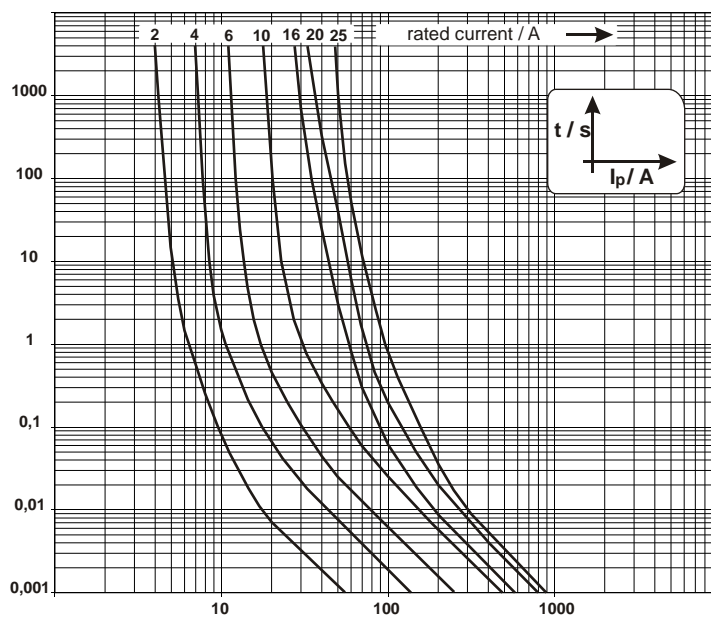
## Time/current characteristics

NDZ fuse links

E 16

500 V AC

“rapid”

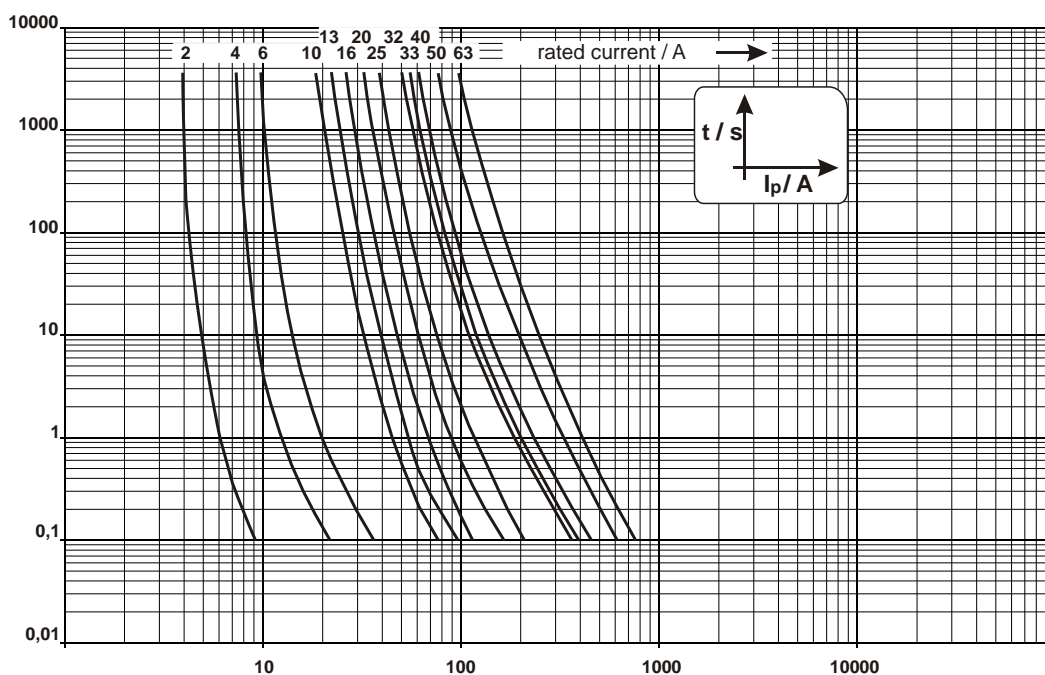


D-fuse links

E 27, E 33

400 V AC and 500 V AC

“gG”



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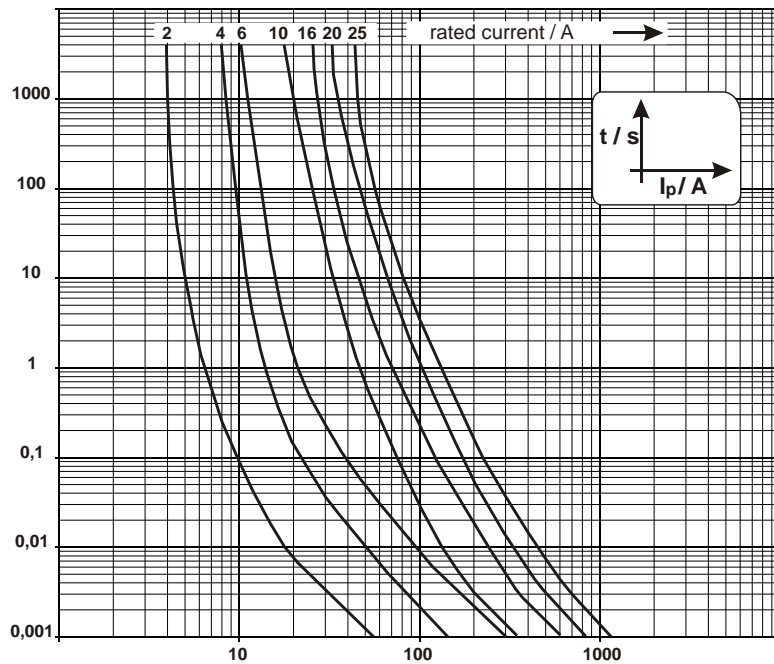
## Time/current characteristics

TNDZ fuse links

E 16

500 V AC

“slow”

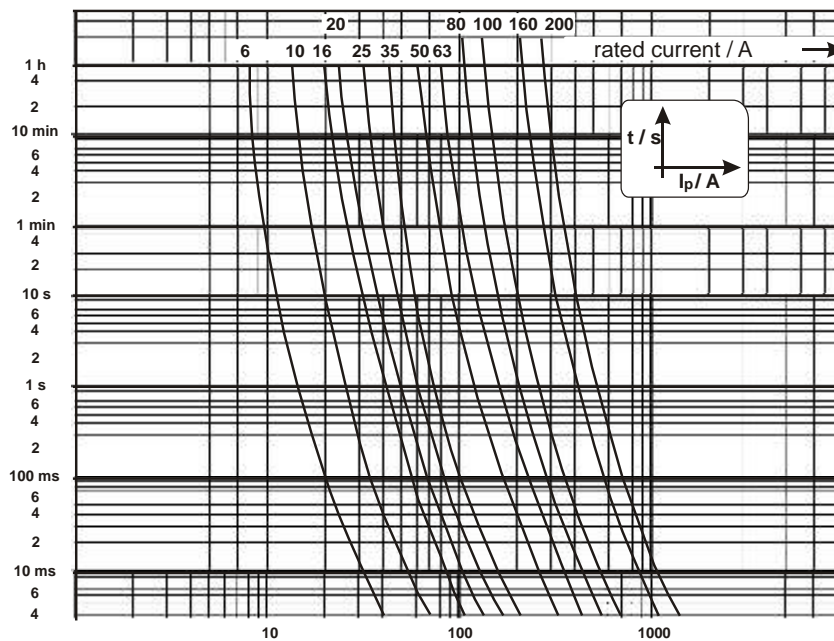


D-fuse links

E 16, E 27, E 33, R1<sup>1/4</sup>”, R2”

500 V AC

“gR”



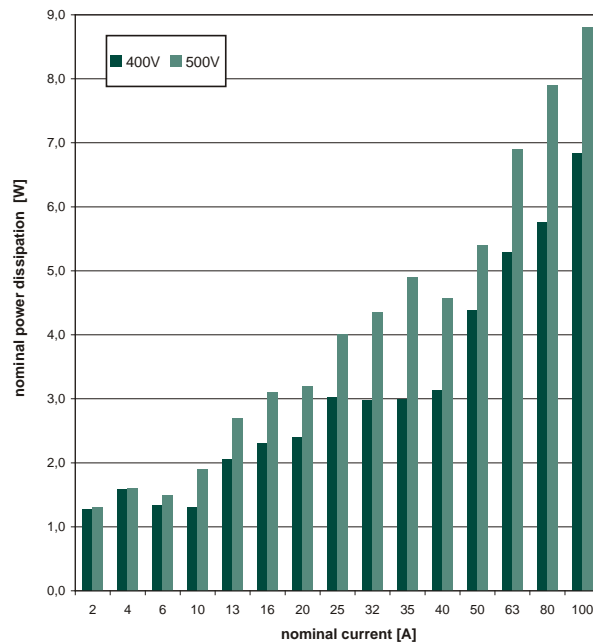
subject to alteration



## Power dissipation

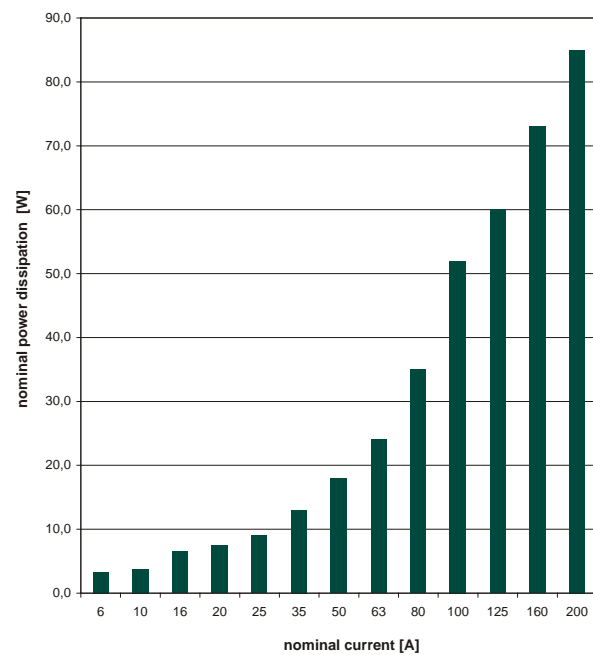
D-fuse links	400 V AC and 500 V AC	„gG“
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power dissipation D-fuse links „gG“



D-fuse links	500 V AC	„gR“
--------------	----------	------

power dissipation D-fuse links „gR“



subject to alteration



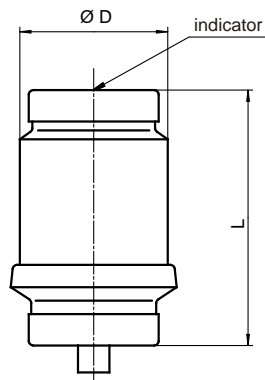
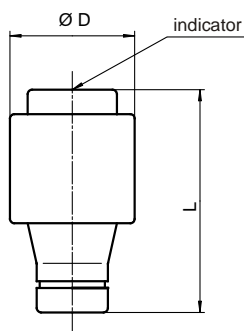
## Dimensions

### D-fuse system

M 02014

NDZ up to DIII

DIV and DV

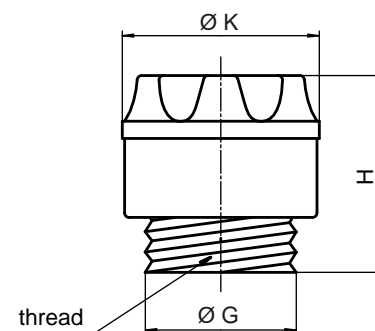


type	nominal current	D (mm)	L (mm)
NDZ	2 bis 25 A	13	50
DII	2 A bis 25 A	22	50
DIII	32 A bis 63 A	27	50
DIV	80 A bis 100 A	33	57
DV	125 A bis 200 A	46	57

### D-screw caps

M 02015

size	nominal current	G (mm)	K (mm)	H (mm)	thread
NDZ	bis 25 A	16	23	36	E 16 (KI)
DII	bis 25 A	27	35	44	E 27 (KII)
DIII	bis 63 A	33	43	44	E 33 (KIII)
DIV	bis 100 A	42	62	53	R 1 1/4 (KIV)



subject to alteration



## Dimensions

DII-fuse bases	2–25 A	single pole, clamping yoke (A/A)	M 02016
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dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

We are looking forward to receiving your enquiry  
and send the drawing directly per e-mail.

DII-fuse bases	2–25 A	triple pole, clamping yoke (A/A)	M 02017
----------------	--------	----------------------------------	---------

dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

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### Dimensions

DIII-fuse bases

32–63 A

single pole, clamp strap/clamp strap (B/B)

M 02020

dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

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DIII-fuse bases

32–63 A

triple pole, clamp strap/clamp strap (B/B)

M 02021

dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

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## Dimensions

D-adapter screw wrench PSS

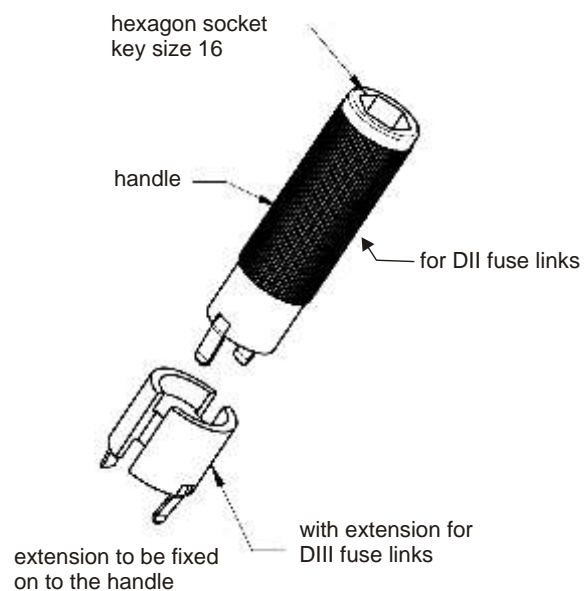
M 02022

dimensional drawing on request:

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## Specification

The D0-fuse system is installed in low voltage distribution units, where fuse links are accessible to non trained persons and can also be changed by them.

The system is the most modern of the screw systems and designed for 400 V AC/250 V DC networks.

The D0-system comprises the sizes D01, D02 and D03.

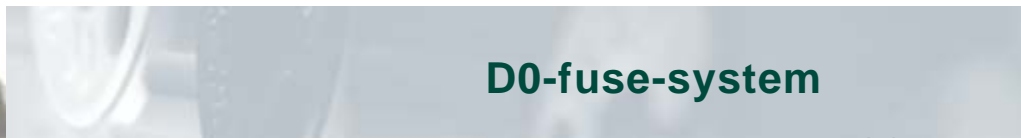
type	nominal current
D01 (E14)	2 A
D01 (E14)	4 A
D01 (E14)	6 A
D01 (E14)	10 A
D01 (E14)	13 A
D01 (E14)	16 A
D02 (E18)	20 A
D02 (E18)	25 A
D02 (E18)	32 A
D02 (E18)	35 A
D02 (E18)	40 A
D02 (E18)	50 A
D02 (E18)	63 A
D03 (M 30 x 2)	80 A
D03 (M 30 x 2)	100 A

The production programme of D0-system comprises:

- ◆ fuse links "gG" and "gR" characteristics
- ◆ screw caps (synthetic, porcelain)
- ◆ fuse bases with and without snap-on fixing
- ◆ fuse bases with touch protection
- ◆ cartridge ring adapter inserts
- ◆ fuse switch disconnectors with accessories
- ◆ bus bars
- ◆ accessories (coloured clip, locking caps, special keys, adapter rings, terminal clamps)

subject to alteration





## Characteristic:

The first letter classifies the function, the second the mode of operation.

- gG ... full range protection of cables and power lines (G ... General)  
gR ... full range protection of semi conductors (R ... Rectifier)

## Technical data D0-fuse system

	D01	D02	D03
nominal voltage		400 V AC, 250 V DC	
nominal current	2 A up to 16 A	20 A up to 63 A	80 A up to 100 A
nominal short breaking capacity		AC 50 kA, DC 8 kA	
characteristic		gG, gR	
rated frequency		45 up to 62 Hz	
standards	EC/EN 60269-3-1, VDE 0636 part 301, IEC/EN 60269-4, VDE 0636 part 40, IEC/EN 60947-3, VDE 0638		
screw caps	thread E14, max. 16 A	thread E18, max. 63 A	thread M 30 x 2, max. 100 A
ring adapter inserts	distinctiveness of nominal currents ratings		
<u>Materials used:</u>			
insulating components (inserts, screw caps, bases)	porcelain		
arc extinguishing material	quartz sand		
contacts	brass/copper, nickel-plated/ silver-plated		
window	glass		
fuse element	copper/silver		
thread components	nickel-plated brass		
snap on device for DIN rails	spring steel zinc coated		
screws	steel galvanized		
synthetic screw caps	glassfirbe strengthened polyester		
adapter ring	spring steel zinc coated		
cartridge ring adapter inserts	aluminium		
screw removal and insertion key	polystyrol		
all products are free of lead, cadmium, mercury, chrome- 6.			

subject to alteration

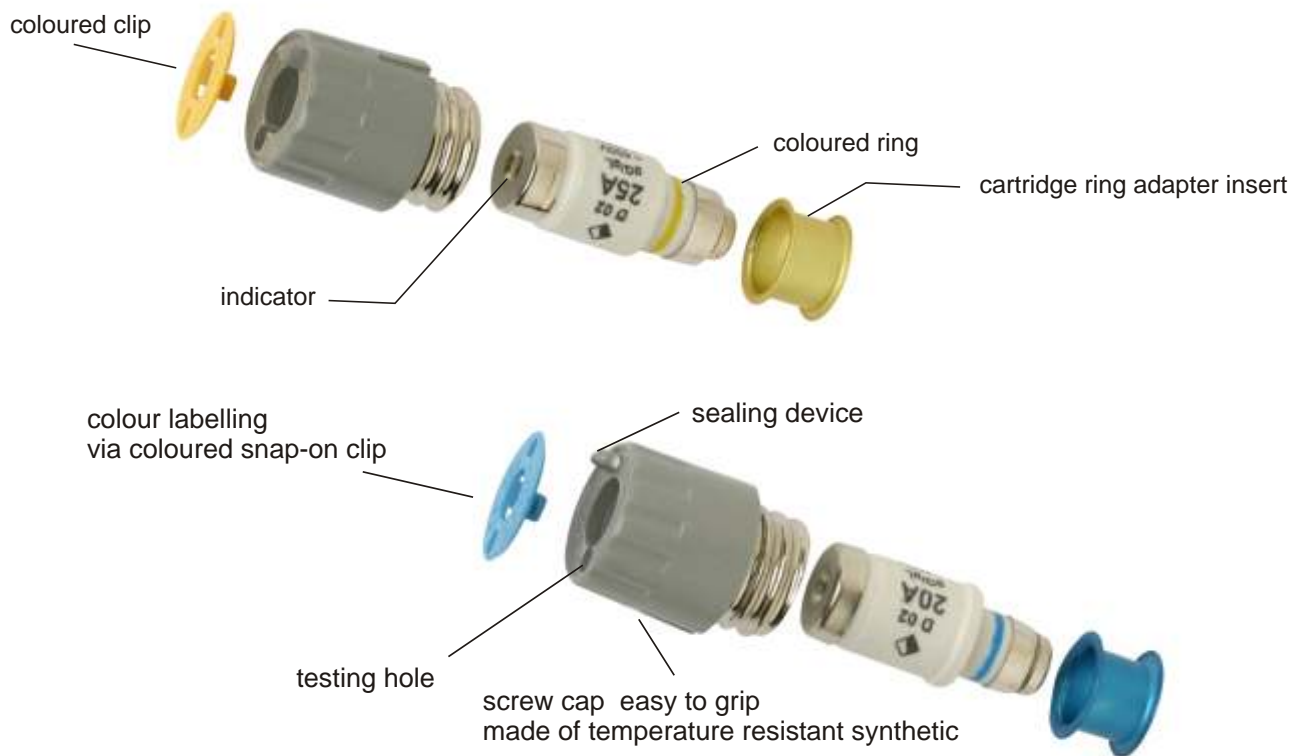
## D0-COLOR SYSTEM

Indicators of D0 fuse links and D0-adapter rings are traditionally marked in colours in accordance to the respective rated current of the fuse link to allow an easy classification.

Our new D0 - fuse COLOR SYSTEM has its origin in the idea of developing a general colour labelling for fast and definite classification of the whole system to achieve easier service and maintenance, meeting the requirements of the user and avoiding mistakes made in the process of changing fuse links.

Therefore, we are generally marking all components of our D0-fuse system with a standardised colour code system. The newly developed system consists of following components:

- ◆ synthetic screw caps for D01, D02 and D03 with an optional snap-on coloured clip matching the coloured labelling of the rated current of the fuse link
- ◆ fuse links D01, D02 and D03 with additional colour labelling via a coloured ring on the fuse body
- ◆ D0-adapter rings coloured in accordance to the respective current rating



subject to alteration



## D0-COLOR SYSTEM

### Advantages

Each component can also be used separately.

Due to the standardised colour labelling the system and its components have following advantages

- ◆ modern attractive appearance of the distribution unit
- ◆ instant identification of rated current of inserted fuse link during operation due to colour clip on the screw cap
- ◆ due to colour ring labelling rated current of fuse links can also be easily identified even if the indicator is lost or the labelling is damaged
- ◆ fast and definite classification of screw cap and fuse link with the respective fuse base due to colour labelling of all three components
- ◆ time saving – especially in large distribution units with many circuits errors while changing the fuse links can be avoided during repair, service and maintenance operations
- ◆ screw caps are shaped for easy gripping
- ◆ reduction of risk of breakage and weight reduction due to the use of moulding material
- ◆ screw caps and fuse base can be sealed when required

### Colour codes of the rated currents

2 A	pink
4 A	brown
6 A	green
10 A	red
13 A	black
16 A	grey
20 A	blue
25 A	yellow
32/35/40 A	black
50 A	white
63 A	copper
80 A	silber
100A	rot

subject to alteration



## D0-COLOR SYSTEM



- ◆ Instant identification and definite classification due to standardised colour system in accordance to the respective rated current.

### D0-fuse links 400 V AC – energy saving, 250 V DC

“gG” general application (e.g. protection of cables and power lines)



D0-fuse links COLOR-SYSTEM							
400 V AC		energy saving		250 V DC	"gG"	with coloured ring	
article-number	design				weight kg/piece	package pieces	
		type	nominal current	colour			
0810	D01	E 14	2 A	pink	0.006	10	
0811		E 14	4 A	brown	0.006	10	
0812		E 14	6 A	green	0.006	10	
0813		E 14	10 A	red	0.006	10	
081301		E 14	13 A	black	0.006	10	
0814	D02	E 14	16 A	grey	0.006	10	
0815		E 18	20 A	blue	0.01	10	
0816		E 18	25 A	yellow	0.01	10	
081601		E 18	32 A	black	0.01	10	
0817		E 18	35 A	black	0.01	10	
081 701		E 18	40 A	black	0.01	10	
0818		E 18	50 A	white	0.01	10	
0819		E 18	63 A	copper	0.01	10	
0820		D03	M 30 x 2	80 A	silver	0.04	10
0821			M 30 x 2	100 A	red	0.04	10

### D0-screw caps



D0-synthetic screw caps, COLOR-SYSTEM						400 V AC
with testing hole and sealing hole (drilling)						
article-number	design				weight kg/piece	package pieces
		type	nominal current	colour		
080005	D01	E 14	16 A	synthetic	0.012	20
080108	D02	E 18	63 A	synthetic	0.012	20
080109	D02	E 18	16 A <sup>1)</sup>	synthetic	0.012	20

- 1) with special adapter ring for fuse links D01
- 2) D0-screw cap with coloured snap-on clip 20 A

subject to alteration

## Coloured clip for D0-synthetic screw caps, COLOR-System

- ◆ Snap-on clip in different colours for quick change for labelling to match rated current of fuse link; for D0-screw caps, COLOR-system art. no. 080005, 080108 and 080109

Coloured clip for D0-synthetic screw caps COLOR-SYSTEM					
article-number	design			weight kg/piece	package pieces
	type	nominal current	colour		
082502	coloured clip	2 A	pink	0.026	50
082504	coloured clip	4 A	brown	0.026	50
082506	coloured clip	6 A	green	0.026	50
082510	coloured clip	10 A	red	0.026	50
082513	coloured clip	13 A	black	0.026	50
082516	coloured clip	16 A	grey	0.026	50
082520	coloured clip	20 A	blue	0.026	50
082525	coloured clip	25 A	yellow	0.026	50
082532	coloured clip	32 A	black	0.026	50
082535	coloured clip	35 A	black	0.026	50
082540	coloured clip	40 A	black	0.026	50
082550	coloured clip	50 A	white	0.026	50
082563	coloured clip	63 A	copper	0.026	50
082500	neutral (for labelling)		white	0.026	50

## D0-cartridge ring adapter inserts

see page 35

subject to alteration

**D0-fuse links 400 V AC – energy saving, 250 V DC**  
**“gR” ultra rapid semi conductor protection**



011 006



012 025

D0-fuse links 400 V AC 250 V DC “gR” ultra rapid semi conductor protection					
article- numbe	design			weight kg/piece	package pieces
		type	nominal current		
011 002	D01	E 14	2 A	0.006	10
011 004		E 14	4 A	0.006	10
011 006		E 14	6 A	0.006	10
011 010		E 14	10 A	0.006	10
011 016		E 14	16 A	0.006	10
012 020		E 18	20 A	0.011	10
012 025	D02	E 18	25 A	0.012	10
012 035		E 18	35 A	0.013	10
012 050		E 18	50 A	0.013	10
012 063		E 18	63 A	0.015	10

product portfolio D0-fuse links “gG” see page 32

## D0-screw caps



0800



0801



0802

D0-porcelain screw caps		400 V AC/440 V			250 V DC	
article- numbe		type	nominal current	design	weight kg/piece	package pieces
0800	D01	E 14	16 A	testing hole	0.01	20
0801	D02	E 18	63 A	testing hole	0.02	20
080110	D02	E 18	16 A	testing hole, with special adapter ring for D01-fuse link	0.02	20
0802	D03	M 30 x 2	100 A	–	0.07	10

synthetic screw caps see page 32

subject to alteration



## D0-cartridge ring adapter inserts



0830 0832 0834



0835 0836 0838

### D0-cartridge ring adapter inserts

article-number		type	nominal current	weight kg/piece	package pieces
0830	D01	E 14	2 A	0.04 <sup>1)</sup>	50
0831		E 14	4 A	0.04 <sup>1)</sup>	50
0832		E 14	6 A	0.04 <sup>1)</sup>	50
0833		E 14	10 A	0.04 <sup>1)</sup>	50
083301		E 14	13 A	0.04 <sup>1)</sup>	50
0834	D02	E 18	20 A	0.001	50
0835		E 18	25 A	0.001	50
0836		E 18	32 A/35 A/40 A	0.001	50
0837		E 18	50 A	0.001	50
0838	D03	M 30 x 2	80 A	0.001	20



0840 0842 0844

### D0-special cartridge ring adapter inserts for the use of fuse links D01 in fuse bases D02

article-number		type	nominal current	weight kg/piece	package pieces
0840	D02	E 18	2 A	0.001	50
0841		E 18	4 A	0.001	50
0842		E 18	6 A	0.001	50
0843		E 18	10 A	0.001	50
084301		E 18	13 A	0.001	50
0844		E 18	16 A	0.001	50

## Accessories



0845

### Adapter ring for the use of fuse links D01 in screw caps D02

article-number	nominal current	weight kg/piece	package pieces
0845	2–16 A	0.001	50



0846

### Screw removal and insertion key to remove and insert cartridge ring adapter inserts D01, D02 + D03

article-number	nominal current	weight kg/piece	package pieces
0846	screw removal and insertion key	0.02	1

1) weight per 100 pieces

subject to alteration

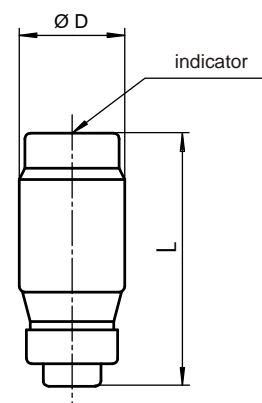


## Dimensions

### D0-fuse link inserts

M 02023

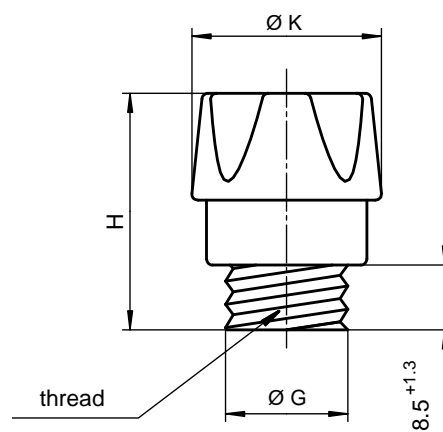
type	nominal current	D (mm)	L (mm)
D01	2 bis 16 A	11	36
D02	20 bis 63 A	15	36
D03	80 und 100 A	20	43



### D0-screw caps

M 02024

type	nominal current	G	K	H	thread
D01	16 A	14	25	30	E 14
D02	63 A	18	25	30	E 18
D03	100 A	30	40	37	M 30 x 2

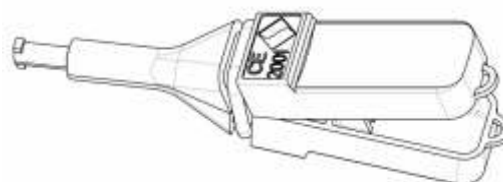
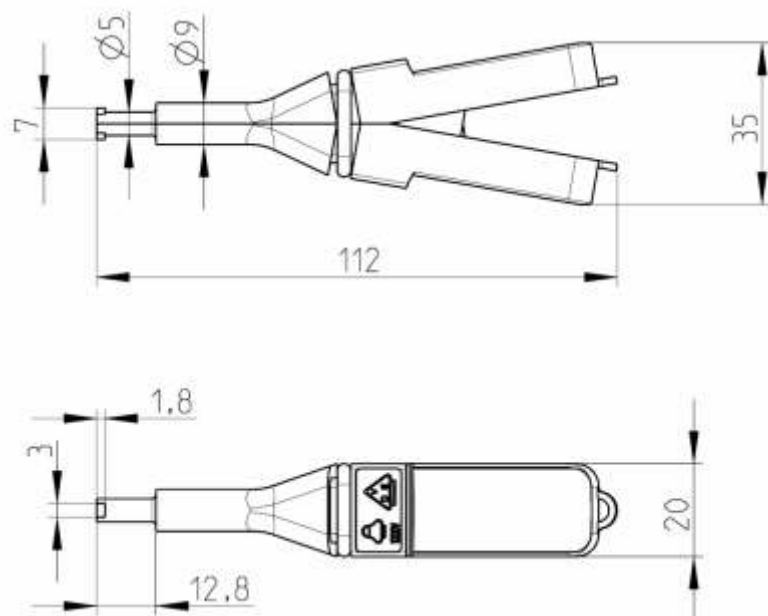


subject to alteration

## Dimensions

Screw removal and insertion key for D01, D02 and D03

M 02025



## Technical data screw removal and insertion key for D01, D02 and D03

mass:	20 g
colour:	red
material:	polystyrol
standards and tests:	IEC/EN 60 269-3-1, VDE 0636 part 301, DIN VDE 0680 part 7

subject to alteration

# D0-fuse-system

38

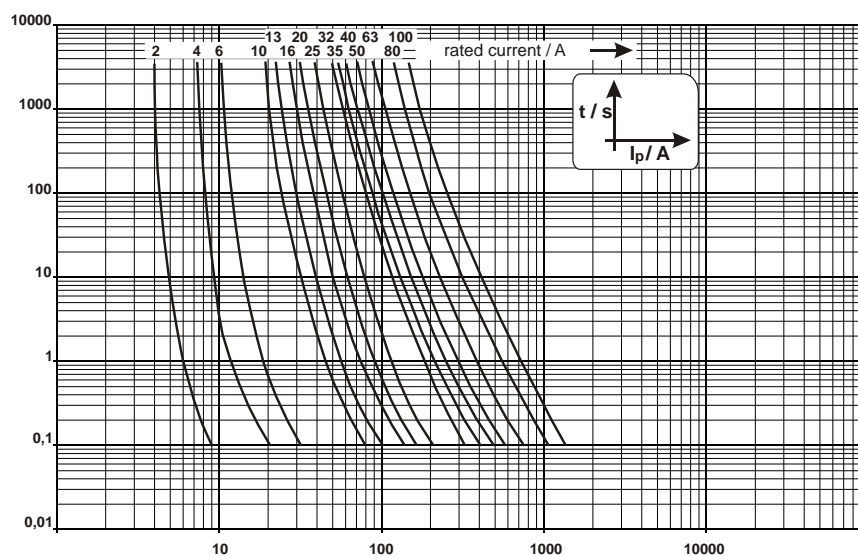
## Time/current characteristics

D0-fuse links

E 14, E 18, M 30 x 2

400 V AC/250 V DC

“gG”

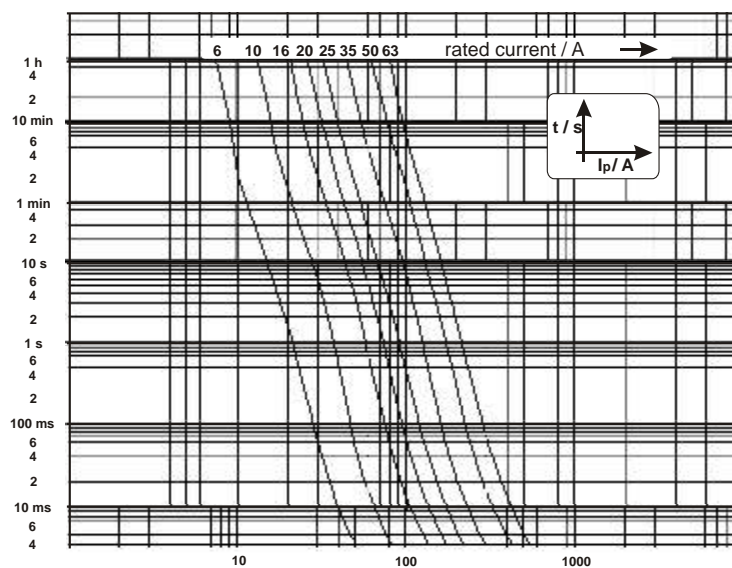


D0-fuse links

E 14, E 18

400 V AC/250 V DC

“gR”



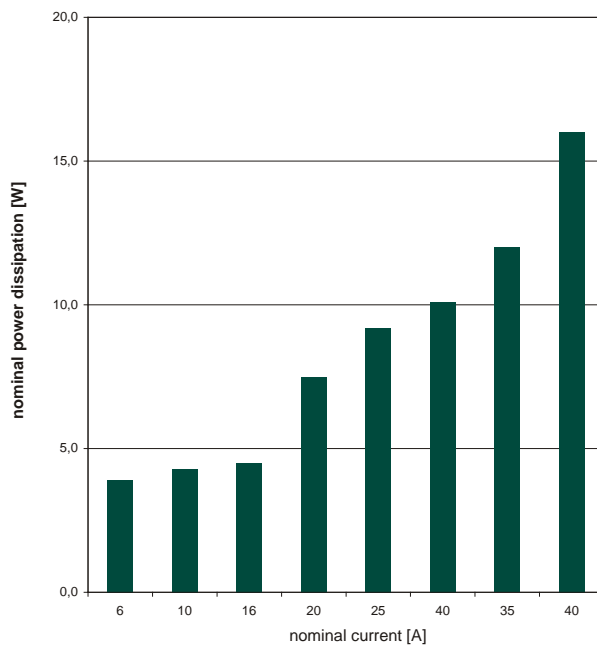
subject to alteration



## Power dissipation

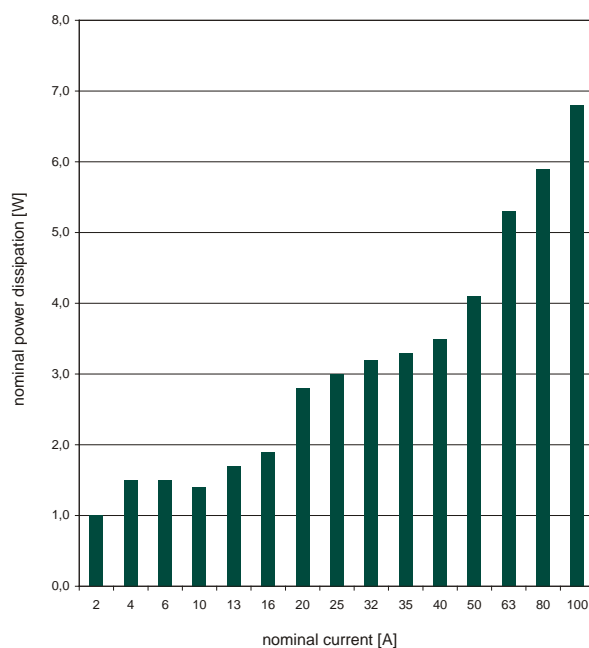
D0-fuse links	400 V AC/250 V DC	“gR”
---------------	-------------------	------

power dissipation D0-fuse links “gR”



D0-fuse links	400 V AC/250 V DC	“gG”
---------------	-------------------	------

power dissipation D0-fuse links “gG”



subject to alteration

## D0-fuse bases



D0-fuse bases single pole with snap-on fixing and cover caps						
article number		type	nominal current	design	weight kg/piece	package pieces
0780	D01	E 14	16 A	clamping yoke/ clamping yoke A/A	0.08	20
0781	D02	E 18	63 A	screw / clamp strap C/B	0.09	20
0782	D03	M 30 x 2	100 A	screw/ clamp strap C/B	0.23	10
0783	D02	E 18	63 A	clamp strap/ clamp strap B/B	0.10	20



D0-fuse bases triple pole with snap-on fixing and cover caps						
article number		type	nominal current	design	weight kg/piece	package pieces
0790	D01	E 14	16 A	clamping yoke/ clamping yoke A/A	0.24	5
0791	D02	E 18	63 A	screw/ clamp strap C/B	0.27	5
0792	D02	E 18	63 A	clamp strap/ clamp strap B/B	0.29	5



D0-fuse bases single pole built in design (without snap or spring)						
article number		type	nominal current	design	weight kg/piece	package pieces
078 110	D02	E 18	63 A	screw/ clamp strap C/B	0.074	20
078 310	D02	E 18	63 A	clamp strap/ clamp strap B/B	0.076	20



D0-general fuse bases 400V single pole with snap-on fixing and cover caps					
article number		nominal current	design	weight kg/piece	package pieces
078 007	D01	16 A	clamping yoke/ clamping yokeA/A	0.075	20
078 109	D02	63 A	clamp strap/clamp strap B/B	0.094	20

A clamping yoke A,  
B clamp strap  
C screw  
first type quoted = bottom contact

drawing of types of terminal of D0-fuse bases see page 44.

subject to alteration



## Accessories for D0-fuse bases



0796

D0-synthetic cover caps grey for D0-fuse bases				single pole
article-number	type		weight kg/piece	package pieces
0796	D01	E14	5	0.30
0797	D02	E18	5	0.30



0799

D0-synthetic cover caps grey for D0-fuse bases				triple pole
article-number	type		weight kg/piece	package pieces
0798	D01	E14	14	0.50
0799	D02	E18	14	0.50

subject to alteration



### Dimensions

D0-fuse bases	single pole	D01	clamping yoke/clamping yoke A/A	M 02026
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dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

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D0-fuse bases	single pole	D02		M 02027
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dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

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Dimensions

D0-fuse bases	single pole	D03	screw/clamp strap C/B	M 02028
---------------	-------------	-----	-----------------------	---------

dimensional drawing on request:  
[office@mschneider.at](mailto:office@mschneider.at)  
drawing no. (M . . . .) see top banner right side  
  
We are looking forward to receiving your enquiry  
and send the drawing directly per e-mail.

D0-fuse bases	triple pole	D01	clamping yoke/clamping yoke A/A	M 02029
---------------	-------------	-----	---------------------------------	---------

dimensional drawing on request:  
[office@mschneider.at](mailto:office@mschneider.at)  
drawing no. (M . . . .) see top banner right side  
  
We are looking forward to receiving your enquiry  
and send the drawing directly per e-mail.

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### Dimensions

D0-fuse bases    triple pole    D02

M 02030

dimensional drawing on request:

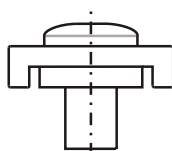
[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

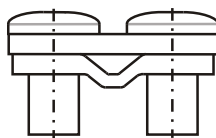
We are looking forward to receiving your enquiry  
and send the drawing directly per e-mail.

Types of terminals D0-fuse bases

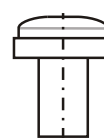
M 02031



type of terminal A  
clamping yoke



type of terminal B  
clamp strap



type of terminal C  
screw <sup>1)</sup>

1) screws:

D01 ... M 4

D02 ... M 6

D03 ... M 8

subject to alteration



## CUSTO® EasyBase D0-fuse bases with touch protection



### Advantages

- ◆ Space saving fuse base
- ◆ Installation in 45 mm standard cut out
- ◆ Large termination area and good termination conditions for outgoing feeders
- ◆ Double function clamp up to 35 mm<sup>2</sup>
- ◆ Extensive touch protection due to integrated cover
- ◆ High safety during installation, operation and maintenance

### Design

- ◆ Single pole and triple pole
- ◆ Snap on fixing for DIN-rails 35 mm
- ◆ Frame clamp 1.5–35 mm<sup>2</sup> fine stranded, for direct clamping or with wire end sleeve, M = 3,0–4,0 Nm
- ◆ Multi termination of 2 conductors (35 mm<sup>2</sup> + 16 mm<sup>2</sup>) or comb bus bar and cable possible

subject to alteration

## CUSTO® EasyBase D0-fuse base (D02, D01)

### Operation

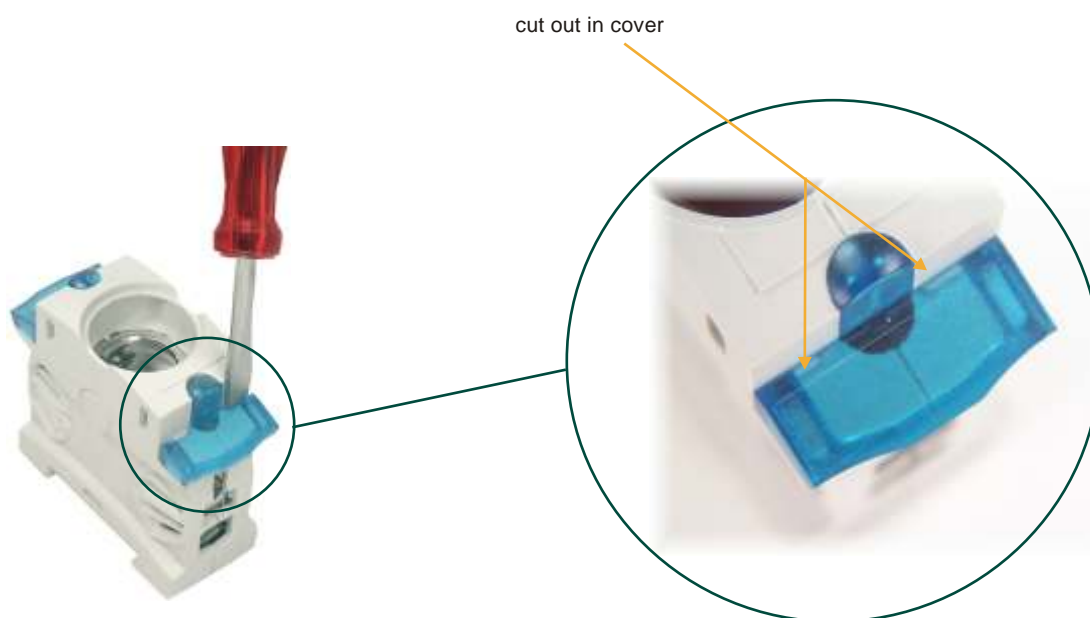


1.001.655 (D01)  
1.001.656 (D02)



1.001.657 (D01)  
1.001.658 (D02)

covers of terminal screws are opened by using a screw driver



subject to alteration



## CUSTO® EasyBase D0-fuse base with cover



1.001.655



1.001.657

CUSTO® EasyBase D01-fuse base with cover 16 A 400 V AC				E 14
article-number	design		weight kg/piece	package pieces
	pole	terminal		
1.001.655	1	both sides double function clamp 1,5–35 mm <sup>2</sup>	0.08	9
1.001.657	3	both sides double function clamp 1,5–35 mm <sup>2</sup>	0.24	3



1.001.656



1.001.658

CUSTO® EasyBase D02-fuse base with cover 63 A 400 V AC				E 18
article-number	design		weight kg/piece	package pieces
	pole	terminal		
1.001.656	1	both sides double function clamp 1,5–35 mm <sup>2</sup>	0.08	9
1.001.658	3	both sides double function clamp 1,5–35 mm <sup>2</sup>	0.24	3

subject to alteration



## Accessories for CUSTO® EasyBase D0-fuse base



080108

### D0-synthetic screw caps, COLOR-system with testing hole and sealing hole (drilling)

article-number		type	nominal current	design	weight kg/piece	package pieces
080005	D01	E 14	16 A	synthetic	0.012	20
080108	D02	E 18	63 A	synthetic	0.012	20



1.000.456

### Bus bars single pole

article-number	design	weight kg/piece	package pieces
1.000.456	27 mm, 16 mm <sup>2</sup> , peg design	0.19	50 à 1 m



079508



1.001.727

### Bus bars triple pole

article-number	design	weight kg/piece	package pieces
079508	27 mm, 16 mm <sup>2</sup> , peg design	0.54	10 à 1 m
1.001.727	27 mm, 30 mm <sup>2</sup> , peg design	0.54	50 à 1 m



079510

### End cap for bus bar triple pole

article-number	design	weight kg/piece	package pieces
079510	end cap for bus bar	0.001	10

## D0-cartridge ring adapter inserts

standard D0-cartridge inserts in accordance with DIN see page 35.

subject to alteration



## Dimensions

CUSTO® EasyBase D0-fuse base

M 02032

dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

We are looking forward to receiving your enquiry  
and send the drawing directly per e-mail.

## Technical Data CUSTO® EasyBase

rated current / voltage	up to 63 A/400 V AC, 250 V DC
switching capacity	50 kA
fire resistance	UL 94
temperature resistance	up to 140°C
material	synthetic free of silicon and halogen
standards	IEC/EN 60 269-3-1, VDE 0636 part 301

subject to alteration





## CORON 2 D0-fuse switch disconnecter 400 V, 63 A, single pole, double pole, triple pole



### Advantages

- ◆ Blinker indicator: An installed blinker indicator guarantees fast and reliable indication of malfunction. Protective insulation is maintained, because there is no need for a testing hole.
- ◆ Protective insulation
- ◆ Padlocking device: Safety regulation in accordance with the German rule for the prevention of accidents (UVV).
- ◆ sealing facility
- ◆ Plug technique: Application without use of screw caps, only D0-fuse links and DIN-cartridge ring adapter inserts are used. Prevention of loosening during operation and protection against thermal destruction. Fuse links after operation with temperatures up to 100° do not have to be touched directly by hand when they are changed.



subject to alteration

## CORON 2 D0-fuse switch disconnecter



010110

CORON 2 D0-fuse switch disconnecter 400 V AC 63 A single pole			
article-number	design	weight kg/piece	package pieces
010110	single pole	0.13	12



010120

CORON 2 D0-fuse switch disconnecter 400 V AC 63 A double pole			
article-number	design	weight kg/piece	package pieces
010120	double pole	0.26	6



010130

CORON 2 D0-fuse switch disconnecter 400 V AC 63 A triple pole			
article-number	design	weight kg/piece	package pieces
010130	triple pole	0.40	4

subject to alteration

## Accessories for CORON 2



010200



010310



010400



010401

## Adapter ring for D01-fuse links

article-number	design	weight kg/piece	package pieces
010200	2 A up to 16 A	0.001	12

## Reserve box with 12 D0-fuse links

article-number	design	weight kg/piece	package pieces
010302	2 A	0.12	12/120
010304	4 A	0.12	12/120
010306	6 A	0.12	12/120
010310	10 A	0.13	12/120
010316	16 A	0.13	12/120
010320	20 A	0.19	12/120
010325	25 A	0.20	12/120
010335	35 A	0.20	12/120
010350	50 A	0.21	12/120
010363	63 A	0.23	12/120

## Locking device for re-switch on (padlock)

article-number	design	weight kg/piece	package pieces
010400	locking device for re-switch on	0.08	1/10

## Double clamp

article-number	design	weight kg/piece	package pieces
010401	3 x 2 x 1,5 ... 35 <sup>2</sup>	0.12	4/80

## D0-cartridge ring adapter inserts

standard D0-ring adapter inserts in accordance with DIN see page 35.

## Comb bus bars

bus bars art.no.1.000.456, 079508, 1.001.727 see page 60.

## Terminal clamps

terminal clamps 6–25 mm<sup>2</sup> art.no. 0549 see page 60.

subject to alteration



## Dimensions

CORON 2 D0-fuse switch disconnecter

M 02033

dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

drawing no. (M . . . .) see top banner right side

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## Technical Data CORON 2

<b>General Information</b>	
categorisation	fuse switch disconnecter
standard	DIN VDE 0660 part 107, EN 60947, IEC 60947-3 DIN VDE 0636 part 41, IEC 60269-3 DIN VDE 0638, DIN VDE 43880
number of poles	single pole, double pole, triple pole
application	application without use of screw caps
adapted for fuse links gG, aM	D01: 2, 4, 6, 10 and 16; D02: 20, 25, 35, 50 and 63
ambient air temperature	
-storage min/max	-25°C/+100°C
-operation min/max	-25°C/+60°C
temperature by entry of plug insertion	max +190°C
insulating components	synthetic free of halogen, phosphor and silicon
fire resistance / track resistance, comparative tracking index	UL94/V0, glow wire test 960°C/CTI 600
degree of protection	IP 20
<b>current flow</b>	
rated operational voltage $U_e$	
- AC	400 V
- DC	single pole up to 110 V, double pole up to 220 V
rated operational current $I_e$	63 A
rated continuous current $I_u$	63 A
overvoltage category / pollution degree	IV / 3 (DIN VDE 0110)
rated impulse withstand voltage $U_{imp}$	6000 V
max. temperature rise at $I_u$ and ambient temperature	ca. 25°C / handling of safety plug approx. 30°C
termination technique	high-grade steel cage clamp
cross section, fixed for clamping	1.5–35 mm <sup>2</sup>
tightening torque M 6 Pozidriv	max. 4 Nm
<b>switching capacity</b>	
rated short circuit making capacity $I_{cm}$	50 kAeff
utilization category	AC 22 B
<b>special features</b>	
padlocking	with standard padlock
sealing	possible
indication of malfunction	reliable due to opto-electronic blinking indicator
feeding	both sides
quick installation	DIN rail EN 50022
switching symbol	<div style="display: flex; justify-content: space-around; margin-top: 5px;"> <span>single pole</span> <span>triple pole</span> </div>
free of halogen, phosphor, silicon, recyclable	

subject to alteration

## AMBUS® PowerSwitch

D0-switch disconnecter for fuse links 400 V AC, 63 A

single pole, double pole, triple pole, triple pole + neutral conductor



## Advantages

- ◆ High degree of security and ease of use
- ◆ Change of fuse links only possible in disconnected condition<sup>1)</sup>
- ◆ Nondetachable fuse holder
- ◆ Use of standard D0-cartridge inserts in accordance with DIN
- ◆ Double function clamp up to 35 mm<sup>2</sup>
- ◆ Touch protection in accordance with BGV A2
- ◆ Indicator for switching position

## Design

- ◆ Single pole, double pole, triple pole, triple pole + neutral conductor
- ◆ Snap on fixing
- ◆ Frame clamp 1.5–35 mm<sup>2</sup> fine stranded, for direct clamping or with wire end sleeve, M = 4 Nm ±20%<sup>2)</sup>
- ◆ Multi termination of 2 conductors (35 mm<sup>2</sup> + 16 mm<sup>2</sup>) or comb bus bar and cable possible

1) switch in "OFF" position

2) fine stranded + wire end sleeve: max.cross section might not be possible

subject to alteration



## AMBUS® PowerSwitch

### D0-switch disconnecter for fuse links

#### Function



1.001.652  
(31307.046)



1.001.653  
(31314.046)



**1** open switch and pull out  
fuse link carrier insert



**2** switch up fuse link holder



**3** insert fuse link



**4** close fuse link  
carrier insert



**5** press fuse link carrier insert  
back and up  
afterwards close switch



**6** for D01 fuse links use  
cartridge adapter insert  
art. no.: 1.001.659 (31902.046)

subject to alteration



## AMBUS® PowerSwitch

### D0-switch disconnecter for fuse links



1.001.652

1.001.653



1.001.654

Ambus PowerSwitch D0-switch disconnecter for fuse links 63 A 400 V AC				
article-number	design		weight kg/piece	package pieces
	pole	terminal		
1.001.652	1	frame clamp 1.5–35 mm <sup>2</sup> fine stranded	0.14	3
1.001.653	3	frame clamp 1.5–35 mm <sup>2</sup> fine stranded	0.42	1
1.001.654	3 + N	frame clamp 1.5–35 mm <sup>2</sup> fine stranded	0.54	1
1.001.726	2	frame clamp 1.5–35 mm <sup>2</sup> fine stranded	0.27	2

### Accessories for AMBUS® PowerSwitch



1.001.659



079508



1.000.456

1.001.727



079510

Cartridge adapter insert			
article-number	design	weight per 100 pieces	package pieces
1.001.659	for D01-fuse links up to 16 A	0.10 <sup>3)</sup>	20

Bus bars			
article-number	design	weight kg/piece	package pieces
079508	triple pole, 27 m, 16 mm <sup>2</sup> , hooked design	0.19	10 à 1 m
1.000.456	single pole, 27 m, 16 mm <sup>2</sup> , hooked design	0.54	50 à 1 m
1.001.727	triple pole, 27 m, 30 mm <sup>2</sup> , peg design	0.54	50 à 1 m

End cover for bus bars			
article-number	design	weight kg/piece	package pieces
079510	triple pole	0.001	10

Indicator for switch door position			
article-number	design	weight kg/piece	package pieces
1.001.955	"a" contact/ "b" contact	0.054	1

### D0-cartridge ring adapter inserts

standard D0-cartridge ring adapter inserts in accordance with DIN see page 35.

subject to alteration





## Dimensions

AMBUS® PowerSwitch D0-switch disconnecter for fuse links

M 02034

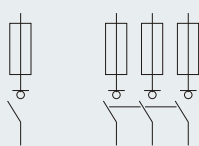
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drawing no. (M . . . .) see top banner right side

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 and send the drawing directly per e-mail.

## Technical Data AMBUS® PowerSwitch

size	D02		
conventional free air thermal current with D0-fuse links $I_{th}$			
utilization	rated operational		
category	voltage $U_e$	current $I_e$	
AC 22 B	400 V	$I_e =$	63 A
DC 22 B	65 V	$I_e =$	63 A
rated operational voltage $U_e$	400 V AC		
rated frequency	50–60 Hz		
track resistance/ comparative tracking index	CTI 200		
fire resistance	UL 94		
temperature resistance	140° C		
switching symbol			
free of halogen, silicon, phosphor and FCKW			
terminal screws	+/- (PZ2), zinc coated, chromium coated		

subject to alteration



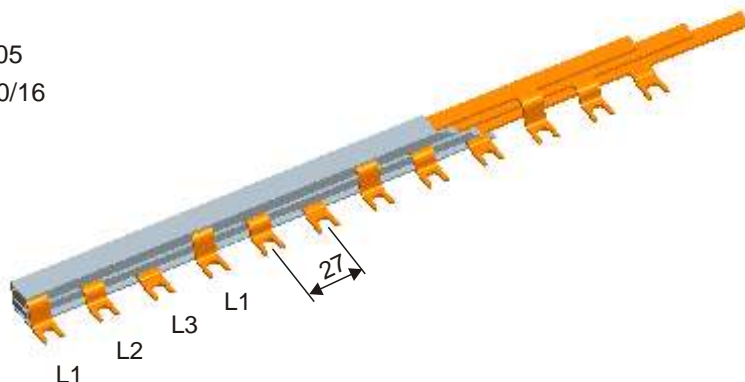
## Bus bars

Our bus bar programme comprises bus bars in hooked and peg design with different partition units. They are used for safe and efficient termination of built in distribution devices, such as circuit breakers, switch disconnectors, differential and fault current switches and modular installation equipment.

### Dimensions of partition of insulated bus bars triple phase

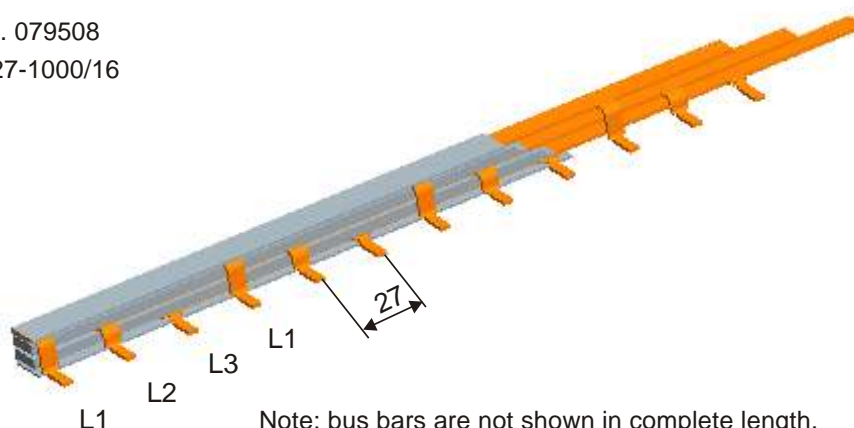
#### Hooked design

example: art.no. 079505  
G-3L-27-1000/16



#### Peg design

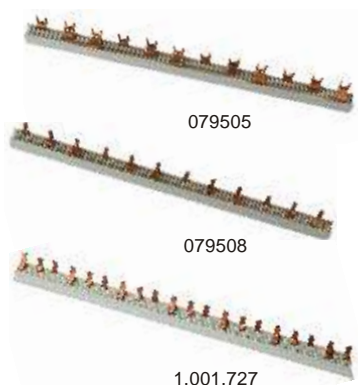
example: art.no. 079508  
S-3L-27-1000/16



Note: bus bars are not shown in complete length.  
Insulation is partly removed for better demonstration of function.  
Dimensions in mm

subject to alteration

## Bus bars



**Bus bars triple phase for D0-bases**

article-number	type	design	weight kg/piece	package pieces
079505	G-3L-27-1000/16	hooked design	0.54	10
079508	S-3L-27-1000/16	peg design	0.54	10
1.001.727	27 mm, 30 mm <sup>2</sup>	peg design	0.54	50
1.000.456	S-1L-27-1000/16 iso	peg design	0.19	50

## Accessories for bus bars



079510

**End cap for bus bar triple phase**

article-number	type	design	weight kg/piece	package pieces
079 510	EK-C-2+3 / 16	end cover for art. no. 079 505, 079 508 and 1.000.444	0.001	10



054901



0549

**Terminal clamp 6–25 mm<sup>2</sup> for bus bars**

article-number	type	design	weight kg/piece	package pieces
054901	AS/25-GN	hooked design	0.01	30
0549	AS/25-SN	peg design	0.01	30



054823

**Comb bus bars single phase for D0-bases**

article-number	type	design	weight kg/piece	package pieces
054 820	U-1L-1000/12 g	length 1000 mm 12 mm <sup>2</sup>	0.070	100
054 821	U-1L-1000/24 g	length 1000 mm 24 mm <sup>2</sup>	0.140	50
054 822	U-1L-210/12 g	length 210 mm 12 mm <sup>2</sup>	0.015	100
054 823	U-1L-27-1000/36 g	length 1000 mm 36 mm <sup>2</sup>	0.260	50

subject to alteration

## Dimensions

Comb bus bar		single phase				universal for circuit breakers or components of D0-fuse system
article-number	type	partition	length mm	cross section mm <sup>2</sup>	terminal screw	note
054820	U-1L-1000/12 g	113/9	1000	12	M 6	universal for D0-fuse bases screw terminal
054821	U-1L-1000/24 g	113/9	1000	24	M 6	universal for D0-fuse bases screw terminal
054822	U-1L-210/12 g	23/9	210	12	M 6	universal for D0-fuse bases screw terminal

Comb bus bar		single phase				universal for circuit breakers or components of D0-fuse system (screw and lug terminals)
article-number	type	partition	length mm	cross section mm <sup>2</sup>	terminal screw	note
054823	U-1L-27-1000/36 g	37/27	1000	36	M 6	universal for D0-fuse bases (screw - and lug terminal)

Bus bar		triple phase					hooked design	
article-number	type	partition	length mm	cross section mm <sup>2</sup>	bus bar exit	terminal screw	matching end cover	note
079505	G-3L-27-1000/16	12 x 3/27	1000	16	top	M 6	079510	insulated, for D0-fuse bases with screw terminal

Bus bar		single phase					peg design	
article-number	type	partition	length mm	cross section mm <sup>2</sup>	bus bar exit	peg width x peg length	note	
1.000.456	S-1L-27-1000/16 iso	37/27	1000	16	90° angle	4 x 10.5	insulated, 90° angle, for CORON, CUSTO EasyBase, AMBUS PowerSwitch	

Bus bar		triple phase					peg design	
article-number	type	partition	length mm	cross section mm <sup>2</sup>	bus bar exit	peg width x peg length	matching end cover	note
079508	S-3L-27-1000/16	12 x 3/27	1000	16	top	4 x 11.5	079510	insulated, for CORON, CUSTO EasyBase, AMBUS PowerSwitch
1.001.727	27 mm, 30 mm <sup>2</sup>	12 x 3/27	1000	30	top	6.5 x 14.5		insulated, for CORON, CUSTO EasyBase, AMBUS PowerSwitch

subject to alteration



## Technical Data bus bars

standards:	VDE 0660, part 500, DIN EN 60 439-1; 1994
methods of construction:	IEC 664
material of bus bars:	E-Cu-F25
material of insulation:	PC/ABS-blend
	fire resistance in accordance with UL 94-VO
short circuit resistance	50 kA / 250 A gl
cross sections of bus bars:	12 – 16 – 24 – 36 mm <sup>2</sup>
impact resistance:	36 kV/mm
climate test:	IEC 68-2
rated voltage:	415 V
operational voltage:	max. 500 V
rated impact withstand voltage:	4 kV
coordination of insulation:	in accordance with VDE 0110, part 1; 4/1997 (IEC 664)
over-voltage category:	III
pollution degree:	2

subject to alteration



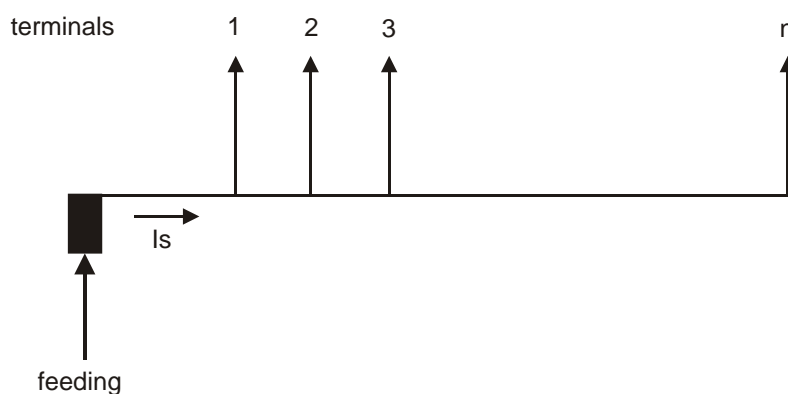
## Bus bars

### Current carrying capacity of bus bars

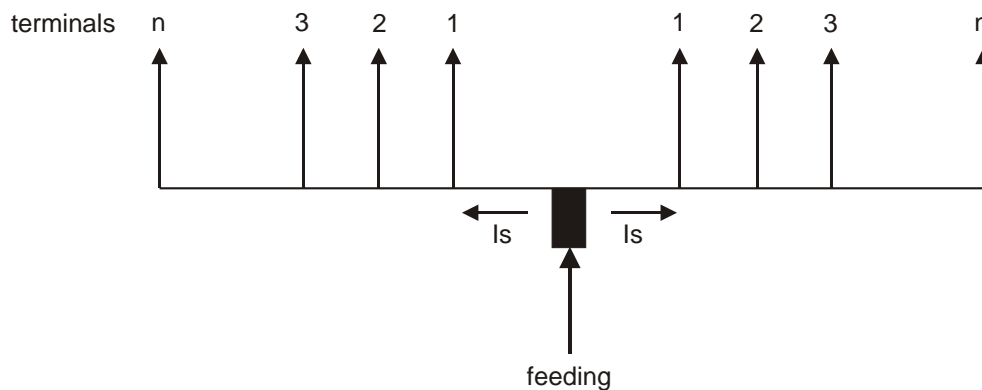
	bus bar single phase				bus bar triple phase (insulated)
cross section of bus bar / mm <sup>2</sup>	12	16	24	36	16
max. bus bar current $I_s$ /phase in A feeding at end of bus bar	65	80	100	130	80
max. bus bar current $I_s$ /phase and branch in A feeding at centre of bus bar	110	130	170	220	130

Attention: The total amount of outgoing currents must not exceed the maximum bus bar current per phase.

### Feeding at end of bus bar



### Feeding at centre of bus bar



subject to alteration

## Accessories for D0-fuse system



018 001



018 002

### Locking caps for D0-fuse bases

article-number	type		design	weight kg/pieces	package pieces
018 001	D01	E 14	for utilities	0.014	25
018 002	D02	E 18	for utilities	0.017	25



018 201

### Special key

article-number	type	weight kg/pieces	package pieces
018 201	special key for utilities	0.028	10

subject to alteration

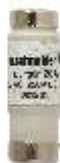


## DL-fuse system – for existing distribution units

The DL-fuse system was the screw system used in the former DDR and is occasionally still used in existing residential distribution units. In our programme we offer DL-fuse links and DL-screw caps for replacement purposes.

### DL-fuse links 400 V AC

“gG” general purpose (e.g. protection of cables and power lines)



021201

DL-fuse links 400 V AC “gG”				E 16
article number	design	weight kg/piece	package pieces	
DL gG	nominal current			
020701	2 A	0.01	25/800	
020801	4 A	0.01	25/800	
020901	6 A	0.01	25/800	
021001	10 A	0.01	25/800	
021101	16 A	0.01	25/800	
021201	20 A	0.01	25/800	

### DL-fuse-screw caps



032502

Screw caps for DL-fuse links					
article number	type	nominal current	design	weight kg/piece	package pieces
032502	E16	20 A	DL-E16	0.02	20/500

subject to alteration

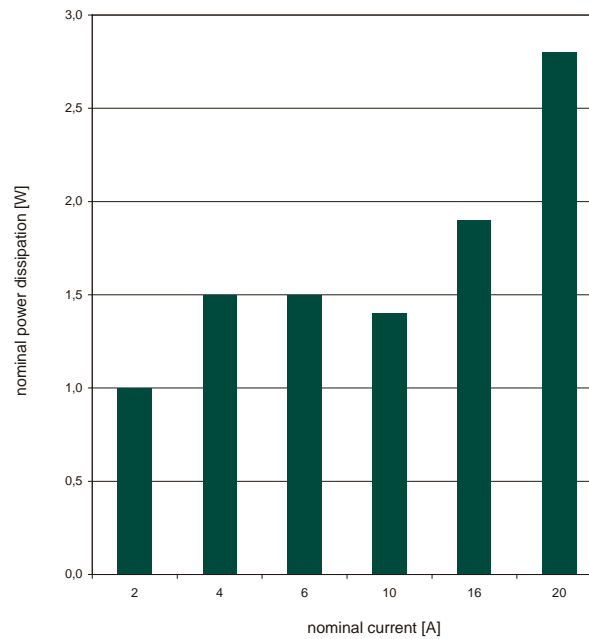




## Power dissipation

### DL-fuse links

power dissipation D0-fuse links "gG"



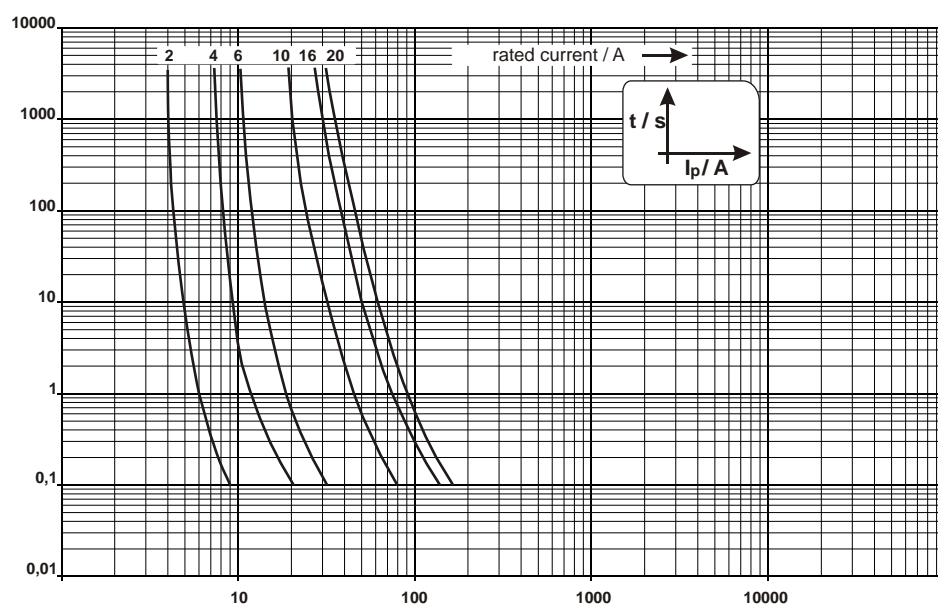
## Time/current characteristics

### DL-fuse links

E 16

400 V AC/250 V DC

„gG“



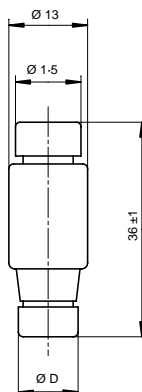
subject to alteration



Dimensions

DL-fuse links

M 02035



nominal current	D/mm
2 bis 10 A	8
16 A	10
20 A	12

Screw caps for DL-fuse links

M 02036

dimensional drawing on request:

[office@mschneider.at](mailto:office@mschneider.at)

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# Index of article numbers

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article-number	code designation	application	price-group	price Å piece/ set	page
010110	CORON 2 D0-fuse switch disconnecter	single pole, 400 V AC 63 A	3400	16.90	51
010120	CORON 2 D0-fuse switch disconnecter	double pole, 400 V AC 63 A	3400	33.70	51
010130	CORON 2 D0-fuse switch disconnecter	triple pole, 400 V AC 63 A	3400	50.60	51
010200	CORON 2 - adapter ring	2 up to 16 A, for D01-fuse links	3400	0.50	52
010302	CORON 2 - reserve box	2 A, with 12 D0-fuse links	3400	6.70	52
010304	CORON 2 - reserve box	4 A, with 12 D0-fuse links	3400	6.70	52
010306	CORON 2 - reserve box	6 A, with 12 D0-fuse links	3400	6.70	52
010310	CORON 2 - reserve box	10 A, with 12 D0-fuse links	3400	6.70	52
010316	CORON 2 - reserve box	16 A, with 12 D0-fuse links	3400	6.70	52
010320	CORON 2 - reserve box	20 A, with 12 D0-fuse links	3400	8.50	52
010325	CORON 2 - reserve box	25 A, with 12 D0-fuse links	3400	8.50	52
010335	CORON 2 - reserve box	35 A, with 12 D0-fuse links	3400	8.50	52
010350	CORON 2 - reserve box	50 A, with 12 D0-fuse links	3400	8.50	52
010363	CORON 2 - reserve box	63 A, with 12 D0-fuse links	3400	8.50	52
010400	CORON 2 - locking device for re-switch on	(padlock)	3400	15.80	52
010401	CORON 2 - double clamp 3 x 2 x 1.5...35 <sup>2</sup>		3400	11.00	52
011002	D0-fuse link 400 V AC, DC 250V, „gR“ D01	E 14, 2 A	3100	3.90	34
011004	D0-fuse link 400 V AC, DC 250V, „gR“ D01	E 14, 4 A	3100	3.90	34
011006	D0-fuse link 400 V AC, DC 250V, „gR“ D01	E 14, 6 A	3100	3.90	34
011010	D0-fuse link 400 V AC, DC 250V, „gR“ D01	E 14, 10 A	3100	4.00	34
011016	D0-fuse link 400 V AC, DC 250V, „gR“ D01	E 14, 16 A	3100	4.00	34
012020	D0-fuse link 400 V AC, DC 250V, „gR“ D02	E 18, 20 A	3100	4.30	34
012025	D0-fuse link 400 V AC, DC 250V, „gR“ D02	E 18, 25 A	3100	4.30	34
012035	D0-fuse link 400 V AC, DC 250V, „gR“ D02	E 18, 35 A	3100	5.70	34
012050	D0-fuse link 400 V AC, DC 250V, „gR“ D02	E 18, 50 A	3100	6.90	34
012063	D0-fuse link 400 V AC, DC 250V, „gR“ D02	E 18, 63 A	3100	8.00	34
013002	D-fuse link 500 V "gR" ultra rapid, NDZ	E 16, 2 A	2100	3.20	14
013004	D-fuse link 500 V "gR" ultra rapid, NDZ	E 16, 4 A	2100	3.20	14
013006	D-fuse link 500 V "gR" ultra rapid, NDZ	E 16, 6 A	2100	3.20	14
013010	D-fuse link 500 V "gR" ultra rapid, NDZ	E 16, 10 A	2100	3.20	14
013016	D-fuse link 500 V "gR" ultra rapid, NDZ	E 16, 16 A	2100	3.70	14
013020	D-fuse link 500 V "gR" ultra rapid, NDZ	E 16, 20 A	2100	3.70	14
013025	D-fuse link 500 V "gR" ultra rapid, NDZ	E 16, 25 A	2100	4.00	14
014002	D-fuse link 500 V "gR" ultra rapid, DII	E 27, 2 A	2100	2.90	14
014004	D-fuse link 500 V "gR" ultra rapid, DII	E 27, 4 A	2100	2.90	14
014006	D-fuse link 500 V "gR" ultra rapid, DII	E 27, 6 A	2100	2.90	14
014010	D-fuse link 500 V "gR" ultra rapid, DII	E 27, 10 A	2100	3.10	14
014016	D-fuse link 500 V "gR" ultra rapid, DII	E 27, 16 A	2100	3.40	14
014020	D-fuse link 500 V "gR" ultra rapid, DII	E 27, 20 A	2100	3.40	14
014025	D-fuse link 500 V "gR" ultra rapid, DII	E 27, 25 A	2100	3.70	14
015035	D-fuse link 500 V "gR" ultra rapid, DIII	E 33, 35 A	2100	4.30	14
015050	D-fuse link 500 V "gR" ultra rapid, DIII	E 33, 50 A	2100	5.20	14
015063	D-fuse link 500 V "gR" ultra rapid, DIII	E 33, 63 A	2100	5.20	14
016080	D-fuse link 500 V "gR" ultra rapid, DIV	R1 ¼", 80 A	2100	10.10	14
016100	D-fuse link 500 V "gR" ultra rapid, DIV	R1 ¼", 100 A	2100	10.30	14
017125	D-fuse link 500 V "gR" ultra rapid, DV	R 2", 125 A	2100	22.50	14
017160	D-fuse link 500 V "gR" ultra rapid, DV	R 2", 160 A	2100	22.50	14
017200	D-fuse link 500 V "gR" ultra rapid, DV	R 2", 200 A	2100	22.50	14

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018001	D0-locking caps for D0-fuse bases	D01 E 14, EVU	3300	23.4.	64
018002	D0-locking caps for D0-fuse bases	D02 E 18, EVU	3300	23.40	64
018201	D0-special key for EVU		3300	19.20	64
0200	D-fuse link 500 V, NDZ "rapid"	E 16, 2 A	2100	1.10	13
0201	D-fuse link 500 V, NDZ "rapid"	E 16, 4 A	2100	1.10	13
0202	D-fuse link 500 V, NDZ "rapid"	E 16, 6 A	2100	1.10	13
0203	D-fuse link 500 V, NDZ "rapid"	E 16, 10 A	2100	1.10	13
0204	D-fuse link 500 V, NDZ "rapid"	E 16, 16 A	2100	1.10	13
0205	D-fuse link 500 V, NDZ "rapid"	E 16, 20 A	2100	1.10	13
0206	D-fuse link 500 V, NDZ "rapid"	E 16, 25 A	2100	1.10	13
0207	D-fuse link 500 V, TNDZ "slow"	E 16, 2 A	2100	1.10	13
020701	D-fuse link 500 V, DL "gG"	E 16, 2 A	2100	1.50	65
0208	D-fuse link 500 V, TNDZ "slow"	E 16, 4 A	2100	1.10	13
020801	D-fuse link 400 V, DL "gG"	E 16, 4 A	2100	1.50	65
0209	D-fuse link 500 V, TNDZ "slow"	E 16, 6 A	2100	1.10	13
020901	D-fuse link 400 V, DL "gG"	E 16, 6 A	2100	1.50	65
0210	D-fuse link 500 V, TNDZ "slow"	E 16, 10 A	2100	1.10	13
021001	D-fuse link 400 V, DL "gG"	E 16, 10 A	2100	1.50	65
0211	D-fuse link 500 V, TNDZ "slow"	E 16, 16 A	2100	1.10	13
021101	D-fuse link 400 V, DL "gG"	E 16, 16 A	2100	1.50	65
0212	D-fuse link 500 V, TNDZ "slow"	E 16, 20 A	2100	1.10	13
021201	D-fuse link 400 V, DL "gG"	E 16, 20 A	2100	1.50	65
0213	D-fuse link 500 V, TNDZ "slow"	E 16, 25 A	2100	1.10	13
0214	D-fuse link 500 V, TNDZ "slow"	E 16, 30 A	2100	1.30	13
0215	D-fuse link 500 V, TNDZ "slow"	E 16, 35 A	2100	1.30	13
0216	D-fuse link 500 V, TNDZ "slow"	E 16, 40 A	2100	1.30	13
0217	D-fuse link 500 V, NDZ "rapid"	E 16, 30 A	2100	1.30	13
0218	D-fuse link 500 V, NDZ "rapid"	E 16, 35 A	2100	1.30	13
022001	D-fuse link 500 V, D II "rapid"	E 27, 2 A	2100	0.40	12
022101	D-fuse link 500 V, D II "rapid"	E 27, 4 A	2100	0.40	12
022201	D-fuse link 500 V, D II "rapid"	E 27, 6 A	2100	0.40	12
022301	D-fuse link 500 V, D II "rapid"	E 27, 10 A	2100	0.40	12
022401	D-fuse link 500 V, D II "rapid"	E 27, 10 A/6 A	2100	0.40	12
022501	D-fuse link 500 V, D II "rapid"	E 27, 16 A	2100	0.40	12
022601	D-fuse link 500 V, D II "rapid"	E 27, 20 A	2100	0.40	12
022701	D-fuse link 500 V, D II "rapid"	E 27, 25 A	2100	0.40	12
0228	D-fuse link 500 V, D III "rapid"	E 33, 35 A	2100	0.60	12
0229	D-fuse link 500 V, D III "rapid"	E 33, 50 A	2100	0.60	12
0230	D-fuse link 500 V, D III "rapid"	E 33, 63 A	2100	0.60	12
0231	D-fuse link 500 V, DIV "rapid"	R 1 ¼", 80 A	2100	4.10	12
0232	D-fuse link 500 V, DIV "rapid"	R 1 ¼", 100 A	2100	4.10	12
0235	D-fuse link 500 V, DV "rapid"	R 2", 125 A	2100	14.40	13
0236	D-fuse link 500 V, DV "rapid"	R 2", 160 A	2100	14.40	13
0237	D-fuse link 500 V, DV "rapid"	R 2", 200 A	2100	14.40	13
025701	D-fuse link 500 V, D II "slow"	E 27, 2 A	2100	0.40	12
025801	D-fuse link 500 V, D II "slow"	E 27, 4 A	2100	0.40	12
025901	D-fuse link 500 V, D II "slow"	E 27, 6 A	2100	0.40	12
026001	D-fuse link 500 V, D II "slow"	E 27, 10 A	2100	0.40	12
026101	D-fuse link 500 V, D II "slow"	E 27, 10 A/6 A	2100	0.40	12

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026201	D-fuse link 500 V, D II "slow"	E 27, 16 A	2100	0.40	12
026301	D-fuse link 500 V, D II "slow"	E 27, 20 A	2100	0.40	12
026401	D-fuse link 500 V, D II "slow"	E 27, 25 A	2100	0.40	12
0265	D-fuse link 500 V, D III "slow"	E 27, 35 A	2100	0.60	12
0266	D-fuse link 500 V, D III "slow"	E 27, 50 A	2100	0.60	12
0267	D-fuse link 500 V, D III "slow"	E 27, 63 A	2100	0.60	12
0268	D-fuse link 500 V, D IV "slow"	R 1 1/4", 80 A	2100	4.10	12
0269	D-fuse link 500 V, D IV "slow"	R 1 1/4", 100 A	2100	4.10	12
0270	D-fuse link 500 V, D V "slow"	R2", 125 A	2100	14.40	13
0271	D-fuse link 500 V, D V "slow"	R2", 160 A	2100	14.40	13
0272	D-fuse link 500 V, D V "slow"	R2", 200 A	2100	14.40	13
028001	D-fuse link 500 V, D II "gG"	E 27, 2 A	2100	0.40	12
028101	D-fuse link 500 V, D II "gG"	E 27, 4 A	2100	0.40	12
028201	D-fuse link 500 V, D II "gG"	E 27, 6 A	2100	0.40	12
028301	D-fuse link 500 V, D II "gG"	E 27, 10 A	2100	0.40	12
028401	D-fuse link 500 V, D II "gG"	E 27, 10 A/6 A	2100	0.40	12
028405	D-fuse link 500 V, D II "gG"	E 27, 13 A	2100	0.40	12
028501	D-fuse link 500 V, D II "gG"	E 27, 16 A	2100	0.40	12
028601	D-fuse link 500 V, D II "gG"	E 27, 20 A	2100	0.40	12
028701	D-fuse link 500 V, D II "gG"	E 27, 25 A	2100	0.40	10, 12
028708	D-fuse link 500 V, D III "gG"	E 33, 32 A	2100	0.60	12
0288	D-fuse link 500 V, D III "gG"	E 33, 35 A	2100	0.60	12
028801	D-fuse link 500 V, D III "gG"	E 33, 40 A	2100	0.60	12
0289	D-fuse link 500 V, D III "gG"	E 33, 50 A	2100	0.60	12
0290	D-fuse link 500 V, D III "gG"	E 33, 63 A	2100	0.60	12
0318	D-screw caps, D II	25 A, with removal grips and testing hole	2300	0.70	15
0319	D-screw caps, D III	63 A, with removal grips and testing hole	2300	0.90	15
0320	D-screw caps, NDZ	25 A, with testing and sealing hole	2300	1.00	15
0321	D-screw caps, D II	25 A, with testing and sealing hole	2300	0.60	15
0322	D-screw caps, D III	63 A, with testing and sealing hole	2300	0.80	15
032502	DL-screw caps, DL-E16	20 A, for DL-fuse links	2300	1.00	65
0326	D-holding chuck D II – D III	E 27, 2 A	2300	1.10	19
033001	D-adapter screws, D II		2300	0.40	18
033101	D-adapter screws, D II	E 27, 4 A	2300	0.40	18
033201	D-adapter screws, D II	E 27, 6 A	2300	0.40	18
033301	D-adapter screws, D II	E 27, 10 A	2300	0.40	18
033401	D-adapter screws, D II	E 27, 16 A	2300	0.40	18
033501	D-adapter screws, D II	E 27, 20 A	2300	0.50	18
033601	D-adapter screws, D II	E 27, 25 A	2300	0.50	18
033701	D-adapter screws, D III	E 33, 35 A	2300	0.70	18
033801	D-adapter screws, D III	E 33, 50 A	2300	0.70	18
033901	D-adapter screws, D III	E 33, 63 A	2300	0.70	18
0340	D-adapter rings	E 27, 2 A	2300	0.50	18
0341	D-adapter rings	E 27, 4 A	2300	0.50	18
0342	D-adapter rings	E 27, 6 A	2300	0.50	18
0343	D-adapter rings	E 27, 10 A	2300	0.50	18
0344	D-adapter rings	E 27, 16 A	2300	0.50	18
0345	D-adapter rings	E 27, 20 A	2300	0.50	18

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0346	D-adapter rings	E 27, 25 A	2300	0.50	18
0347	D-adapter rings	E 33, 35 A	2300	0.50	19
0348	D-adapter rings	E 33, 50 A	2300	0.50	19
0349	D-cartridges	80 A	2300	1.10	19
0350	D-cartridges	100 A	2300	1.10	19
0354	D-adapter screw wrench, D II – D III		2300	6.80	19
0355	D-adapter rings	E 33, 63 A	2300	0.50	19
0361	D-fuse bases with snap-on fixing	25 A, single pole, 500 V, without insulating ring	2300	2.00	16
0362	D-fuse bases with screw-on fixing	63 A, single pole, 500 V, without insulating ring	2300	4.30	16
0366	D-fuse bases with screw-on fixing	25 A, single pole, 500 V, without insulating ring	2300	3.30	16
0367	D-fuse bases with screw-on fixing	63 A, single pole, 500 V, with insulating ring	2300	4.90	16
0370	D-fuse bases with snap-on fixing	25 A, single pole, 500 V	2300	2.40	16
037001	D-fuse bases with snap-on fixing	25 A, single pole, 500 V, with cover cap	2300	4.00	16
0371	D-fuse bases with snap-on fixing	63 A, single pole, 500 V, with cover cap	2300	3.20	16
037101	D-fuse bases with snap-on fixing	63 A, single pole, 500 V, with cover cap	2300	5.60	16
0372	D-fuse bases with snap-on fixing	25 A, single pole, 500 V, with insulating ring	2300	4.00	16
0373	D-fuse bases with snap-on fixing	63 A, single pole, 500 V, with insulating ring	2300	5.60	16
0380	D-fuse bases with screw-on fixing	25 A, triple pole, 500 V	2300	9.50	17
038001	D-fuse bases with snap-on fixing	25 A, triple pole, 500 V	2300	10.50	17
0381	D-fuse bases with screw-on fixing	63 A, triple pole, 500 V	2300	16.60	17
038101	D-fuse bases with snap-on fixing	63 A, triple pole, 500 V	2300	17.60	17
0382	D-ceramic insulating rings	25 A, for D-fuse bases	2300	0.70	17
0383	D-ceramic insulating rings	63 A, for D-fuse bases	2300	0.80	17
0386	D-synthetic cover caps 45 mm	25 A, for D-fuse bases	2300	0.70	17
0387	D-synthetic cover caps 45 mm	63 A, for D-fuse bases	2300	0.80	17
042002	D-fuse link 400 V AC/250 V DC „gG“	E 27, 2 A	2150	0.40	11
042004	D-fuse link 400 V AC/250 V DC „gG“	E 27, 4 A	2150	0.40	11
042006	D-fuse link 400 V AC/250 V DC „gG“	E 27, 6 A	2150	0.40	11
042010	D-fuse link 400 V AC/250 V DC „gG“	E 27, 10 A	2150	0.40	11
042011	D-fuse link 400 V AC/250 V DC „gG“	E 27, 10 A/6 A	2150	0.40	11
042013	D-fuse link 400 V AC/250 V DC „gG“	E 27, 13 A	2150	0.40	11
042016	D-fuse link 400 V AC/250 V DC „gG“	E 27, 16 A	2150	0.40	11
042020	D-fuse link 400 V AC/250 V DC „gG“	E 27, 20 A	2150	0.40	11
042025	D-fuse link 400 V AC/250 V DC „gG“	E 27, 25 A	2150	0.40	11
043032	D-fuse link 400 V AC/250 V DC „gG“	E 33, 32 A	2150	0.60	11
043035	D-fuse link 400 V AC/250 V DC „gG“	E 33, 35 A	2150	0.60	11
043040	D-fuse link 400 V AC/250 V DC „gG“	E 33, 40 A	2150	0.60	11
043050	D-fuse link 400 V AC/250 V DC „gG“	E 33, 50 A	2150	0.60	11
043063	D-fuse link 400 V AC/250 V DC „gG“	E 33, 63 A	2150	0.60	11
044080	D-fuse link 400 V AC/250 V DC „gG“	R 1 1/4, 80 A	2150	4.10	11
044100	D-fuse link 400 V AC/250 V DC „gG“	R 1 1/4, 100 A	2150	4.10	11
054820	D0-comb bus bar	1000 mm/12 mm <sup>2</sup> , single phase for D0-base	3300	5.90	61
054821	D0-comb bus bar	1000 mm/24 mm <sup>2</sup> , single phase for D0-base	3300	8.80	60

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054822	D0-comb bus bar	210 mm/12 mm <sup>2</sup> , single phase for D0-base	3300	1.30	60
054823	D0-comb bus bar	1000 mm/36 mm <sup>2</sup> , single phase for D0-base	3300	11.50	60
0549	D0-terminal piece	peg, for 25 mm <sup>2</sup> bus bars	3300	1.30	60
054901	D0-terminal piece	hook for 25 mm <sup>2</sup> bus bars	3300	1.30	60
0780	D0-fuse bases with snap-on fixing	E 14, 16 A, single pole, cover caps, D01	3200	2.90	40
078007	D0-general fuse bases with screw-on fixing	16 A, 400 V, cover, D01	3200	6.60	40
0781	D0-fuse bases with snap-on fixing	E 18, 6 3A, single pole, cover caps, D02	3200	4.00	40
078109	D0-general fuse base with screw-on fixing	63 A, 400 V, cover, D02	3200	8.10	40
078110	D0-fuse bases built in design	E 18, 63 A, single pole, D02	3200	3.50	40
0782	D0-fuse bases with snap-on fixing	100 A, single pole, cover caps, D03 M 30 x 2	3200	18.80	40
0783	D0-fuse bases with snap-on fixing	E 18, 63 A, single pole, cover caps, D02	3200	4.10	40
078310	D0-fuse bases built in design	E 18, 63 A, single pole, D02	3200	3.50	40
0790	D0-fuse bases with snap-on fixing	E 14, 16 A, triple pole, cover caps, D01	3200	9.20	40
0791	D0-fuse bases with snap-on fixing	E 18, 63 A, triple pole, cover caps, D02	3200	13.00	40
0792	D0-fuse bases with snap-on fixing	E 18, 63 A, triple pole, cover caps, D02	3200	13.00	40
079505	D0-bus bars, f. D0-bases	hook, triple phase	3300	28.30	60
079508	D0-bus bars, 27 mm, 16 mm <sup>2</sup>	for INNOZED, triple pole, peg design	3300	28.30	60
079510	D0-end cap for bus bar triple phase	for D0, INNOZED, LINOCUR	3300	0.70	60
0796	D0-synthetic cover caps grey f.bases	E 14, single pole, D01,	3300	0.30	41
0797	D0-synthetic cover caps grey f.base	E 18, single pole, D02	3300	0.30	41
0798	D0-synthetic cover caps grey f.base	E 14, triple pole, D01	3300	0.50	41
0799	D0-synthetic cover caps grey f.base	E 18, triple pole, D02	3300	0.50	41
0800	D0-screw caps	E 14, 16 A, 400 V AC/DC 440 V, D01	3200	0.50	34
080005	D0-synthetic screw caps	E 14, 16 A, COLOR-SYSTEM	3200	0.70	48
0801	D0-screw caps	E 18, 63 A, 400 V AC/DC 440 V, D02	3200	0.70	34
080108	D0-synthetic screw caps	E 18, 63 A, COLOR-SYSTEM	3200	0.80	32, 48
080109	D0-synthetic screw caps	E 18, 16 A, COLOR-SYSTEM	3200	0.80	32
080110	D0-screw caps	E 18, 16 A, 400 V AC/DC 440 V, D02	3200	0.75	34
0802	D0-screw caps	100 A, M 30 x 2, 400 V AC/440 V, D03	3200	10.90	34
0810	D0-fuse link 400 V AC/250 V DC "gG"	E 14, 2 A, COLOR-SYSTEM, D01	3100	0.60	32
0811	D0-fuse link 400 V AC/250 V DC "gG"	E 14, 4 A, COLOR-SYSTEM, D01	3100	0.60	32
0812	D0-fuse link 400 V AC/250 V DC "gG"	E 14, 6 A, COLOR-SYSTEM, D01	3100	0.60	32
0813	D0-fuse link 400 V AC/250 V DC "gG"	E 14, 10 A, COLOR-SYSTEM, D01	3100	0.40	32
081301	D0-fuse link 400 V AC/250 V DC "gG"	E 14, 13 A, COLOR-SYSTEM, D01	3100	0.40	32
0814	D0-fuse link 400 V AC/250 V DC "gG"	E 14, 16 A, COLOR-SYSTEM, D01	3100	0.40	32
0815	D0-fuse link 400 V AC/250 V DC "gG"	E 18, 20 A, COLOR-SYSTEM, D02	3100	0.40	32
0816	D0-fuse link 400 V AC/250 V DC "gG"	E 18, 25 A, COLOR-SYSTEM, D02	3100	0.40	32
081601	D0-fuse link 400 V AC/250 V DC "gG"	E 18, 32 A, COLOR-SYSTEM, D02	3100	0.70	32
0817	D0-fuse link 400 V AC/250 V DC "gG"	E 18, 35 A, COLOR-SYSTEM, D02	3100	0.70	32
081701	D0-fuse link 400 V AC/250 V DC "gG"	E 18, 40 A, COLOR-SYSTEM, D02	3100	0.70	32
0818	D0-fuse link 400 V AC/250 V DC "gG"	E 18, 50 A, COLOR-SYSTEM, D02	3100	0.70	32
0819	D0-fuse link 400 V AC/250 V DC "gG"	E 18, 63 A, COLOR-SYSTEM, D02	3100	0.70	32
0820	D0-fuse link 400 V AC/250 V DC "gG"	80 A, COLOR-SYSTEM, D03, M 30 x 2	3100	5.20	32
0821	D0-fuse link 400 V AC/250 V DC "gG"	100 A, COLOR-SYSTEM, D03, M 30 x 2	3100	5.20	32
082500	D0-coloured clip white, neutral for labelling	COLOR-SYSTEM	3300	0.10	33
082502	D0-coloured clip pink	2 A, COLOR-SYSTEM	3300	0.10	33

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082504	D0-coloured clip brown	4 A, COLOR-SYSTEM	3300	0.10	33
082506	D0-coloured clip green	6 A, COLOR-SYSTEM	3300	0.10	33
082510	D0-coloured clip red	10 A, COLOR-SYSTEM	3300	0.10	33
082513	D0-coloured clip black	13 A, COLOR-SYSTEM	3300	0.10	33
082516	D0-coloured clip grey	16 A, COLOR-SYSTEM	3300	0.10	33
082520	D0-coloured clip blue	20 A, COLOR-SYSTEM	3300	0.10	33
082525	D0-coloured clip yellow	25 A, COLOR-SYSTEM	3300	0.10	33
082532	D0-coloured clip black	32 A, COLOR-SYSTEM	3300	0.10	33
082535	D0-coloured clip black	35 A, COLOR-SYSTEM	3300	0.10	29, 33
082540	D0-coloured clip black	40 A, COLOR-SYSTEM	3300	0.10	33
082550	D0-coloured clip white	50 A, COLOR-SYSTEM	3300	0.10	33
082563	D0-coloured clip copper	63 A, COLOR-SYSTEM	3300	0.10	33
0830	D0-cartridge ring adapter inserts	E 14, 2 A, D01	3300	0.20	35
0831	D0-cartridge ring adapter inserts	E 14, 4 A, D01	3300	0.20	35
0832	D0-cartridge ring adapter inserts	E 14, 6 A, D01	3300	0.20	35
0833	D0-cartridge ring adapter inserts	E 14, 10 A, D01	3300	0.20	35
083301	D0-cartridge ring adapter inserts	E 14, 13 A, D01	3300	0.20	35
0834	D0-cartridge ring adapter inserts	E 18, 20 A, D02	3300	0.30	35
0835	D0-cartridge ring adapter inserts	E 18, 25 A, D02	3300	0.30	35
0836	D0-cartridge ring adapter inserts	E 18, 32 A/35 A/40 A, D02	3300	0.30	35
0837	D0-cartridge ring adapter inserts	E 18, 50 A, D02	3300	0.30	35
0838	D0-cartridge ring adapter inserts	80 A, D03, M 30x2	3300	0.70	35
0840	D0-special cartridge ring adapter inserts	E 18, 2 A, D02	3300	0.30	35
0841	D0-special cartridge ring adapter inserts	E 18, 4 A, D02	3300	0.30	35
0842	D0-special cartridge ring adapter inserts	E 18, 6 A, D02	3300	0.30	35
0843	D0-special cartridge ring adapter inserts	E 18, 10 A, D02	3300	0.30	35
084301	D0-special cartridge ring adapter inserts	E 18, 13 A, D02	3300	0.30	35
0844	D0-special cartridge ring adapter inserts	E 18, 16 A, D02	3300	0.30	35
0845	D0-adapter ring	2–16 A	3300	0.30	35
0846	D0-screw removal and insertion key		3300	7.40	35
1.001.652	Ambus PowerSwitch 63 A, single pole	D02-switch disconnecter for fuse links	3400	23.20	57
1.001.653	Ambus PowerSwitch 63 A, triple pole	D02-switch disconnecter for fuse links	3400	52.20	57
1.001.654	Ambus PowerSwitch 63 A, triple pole + N	D02-switch disconnecter for fuse links	3400	67.20	57
1.001.655	Custo EasyBase 16 A, single pole	D01-fuse base with cover	3400	3.00	47
1.001.656	Custo EasyBase 63 A, single pole	D02-fuse base with cover	3400	3.30	47
1.001.657	Custo EasyBase 16 A, triple pole	D01-fuse base with cover	3400	7.40	47
1.001.658	Custo EasyBase 6 A, triple pole	D02-fuse base with cover	3400	8.20	47
1.001.659	cartridge adapter insert D02 to D01	for Custo Easy Base + Ambus PowerSwitch	3400	1.10	57
1.001.726	Ambus PowerSwitch 63 A, double pole	D02-switch disconnecter for fuse links	3400	40.20	57
1.001.727	D0-bus bars, 27 mm, 30 mm <sup>2</sup>	triple pole, for INNOZED, peg design	3400	85.00	57
1.001.955	indicator for switching position	for AMBUS PowerSwitch	3400	16.00	57

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**Standard conditions to DIN/EN 60 269-1 and IEC/EN 60 439-1 are as follows and apply to the D/D0-System. For applications under differing conditions the producer must be notified.**

- a) **Ambient air temperature:** must not exceed +40° C and its average over a period of 24 hours must not exceed +35°C. The lower limit of ambient air temperature is –5°C. Ambient air temperature is that existing in the vicinity of equipment if supplied without enclosure. (Please note: Time current characteristics of fuse links rely to an ambient air temperature of +20°C. In case of differing temperature condition notify [m.schneider](#). Follow the specification of the manufacturer of fuse bases and switch gear.
- b) **Attitude:** up to 2000 m. For equipment to be used at higher altitude contact [m.schneider](#) prior to use.
- c) **Atmospheric conditions:** the ambient air must be clean and the relative humidity of the air must not exceed 50% at a maximum temperature of +40°C. Higher relative humidity may be permitted at lower temperatures (e.g. 90% at +20°C). Occasional moderate condensation due to variations in temperature might occur. In case of doubt, especially in cases of outdoor application without protection or in possible contact with sea water or industrial deposits contact [m.schneider](#).
- d) **Pollution degree:** The switchgear is rated according pollution degree 3 (conductive pollution occurs, or dry or non conductive pollution occurs which becomes conductive due to condensation). Avoid damaging influences of chemical substances during storage, assembly and operation,
- e) **Transport and Storage:** Values according a) and b) are valid with the exception, that for transport and storage, but not service, the ambient temperatures can be between –25°C to +55°C.
- f) **Certification and Test Reports:** All equipment of the D/D0 system is tested and approved by third party testing according the above-mentioned standards and with the technical data mentioned. All test are in accordance with EC low voltage regulations 73/23/EEC. The indicated technical data refers to technical standards and requirements valid for the respective device.
- g) **Mounting and Service:** Equipment has to be mounted and installed according the mounting, installation and service manuals of [m.schneider](#). The recommended installation position of the devices is the vertical position in a horizontal bus bar system. Only by compliance with these instructions is the function mode guaranteed.
- h) **Fuse Links:** The equipment requires the use of fuse links according to IEC/EN 60 269-3-1. The power dissipation of the fuse links used must not exceed the power acceptance of the equipment.
- i) **Routine tests:** Before operation the above mentioned conditions and requirements for routine tests of a switchgear combination to par. 8.1.2. and 8.3. of EN 60 439 are to be considered. For components that can be snapped on to bus bars automatically their exact installation must be ensured.

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The companies of the **m.schneider** group have designed, produced and installed electro technical products of high quality since 1926 in Annaberg-Germany, since 1946 in Vienna-Austria and since 1996 in Sezemice - Czech Republic. In the

- ◆ **production of fuses and switch gear**
- ◆ **installation of electrical and digital data networks**
- ◆ **technical facility management**
- ◆ **telecommunication services**
- ◆ **nationally certified cable test department**

about 300 employees are active in Austria, Germany, the Czech Republic, Hungary, Poland, China and Nigeria. In the field of NH-(low voltage high rupturing) DIN-fuse material **m.schneider** is a leading international manufacturer. The product portfolio comprises the complete NH-fuse system, EUROFUSE® NH-fuse links, horizontal and vertical fuse bases, MULTIBLOC® fuse switch disconnectors and MULTIVERT® vertical fuse switch disconnectors in many varieties as well as a wide range of accessories.

The function of our products is the protection of persons, systems and installations against the impact of overloads and short circuits.

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