RECTICUR D0 gR

440VDC & 440VAC (IEC)

SEMICONDUCTOR PROTECTION FUSES

IEC HIGH-SPEED D & D0 FUSE-LINKS AC-DC PROTECTION



The D0 fuse-system is the most modern of the screw systems in the German DIN standard. This system comprises the sizes D01, D02 and D03.

Those D0 ultra-fast acting “gR” ranges are dedicated to semi-conductor protection, in applications where fuse-links are accessible to non-trained persons and can also be changed by them.

They are used for the protection of components such as diodes, thyristors or AC/DC motor drives. The “R” stands for the English word Rectifier. D0 fuse-links are available at the rated current range from 2A up to 100A.

TECHNICAL DATA OVERVIEW

Voltage	440VAC - 440VDC
Ampere Range (A)	2 ... 200 A
Size per Standard	D01, D02, D03
Speed/Characteristic	gR
I.R. AC (IEC)	100 kA
Product Size	D01 to D03

FEATURES & BENEFITS

- Insulated body suitable for high mechanical and thermal impacts
- Top and bottom contacts made of nickel-plated/silver-plated copper alloy
- Safe cut off short circuits and over currents due special design of fuse element
- Clear indication of operation condition due coloured indicator on top contact
- Low power dissipation
- Optimized size
- Resistant to aging

STANDARDS

- IEC 60 269-4
- DIN EN 60269-4 (VDE 0636-4)
- DIN VDE 0636-3

CE

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PRODUCT RANGE



D01GR44V2

NEOZED RECTICUR IEC DIN TYPE D 01

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I_n	Pre-arcing I^2t	Rated breaking capacity AC	Power dissipation at I_n	Operating I^2t at Rated Voltage	Weight	Package
D01GR44V2	M215038	440 V	2 A	3 A²s	100 kA	1.5 W	3 A²s	7 g	50
D01GR44V4	N218673	440 V	4 A	4 A²s	100 kA	2 W	5 A²s	7 g	50
D01GR44V6	B219191	440 V	6 A	5 A²s	100 kA	2.3 W	10 A²s	7 g	50
D01GR44V10	F219724	440 V	10 A	12 A²s	100 kA	2.2 W	25 A²s	7 g	50
D01GR44V16	N222169	440 V	16 A	40 A²s	100 kA	3.3 W	75 A²s	7 g	50



D02GR44V20

NEOZED RECTICUR IEC DIN TYPE D 02

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I_n	Pre-arcing I^2t	Rated breaking capacity AC	Power dissi-pation at I_n	Operating I^2t at Rated Voltage	Weight	Package
D02GR44V20	H222923	440 V	20 A	60 A²s	100 kA	4.3 W	110 A²s	13 g	25
D02GR44V25	R200713	440 V	25 A	90 A²s	100 kA	6 W	180 A²s	13 g	25
D02GR44V35	F201255	440 V	35 A	210 A²s	100 kA	8.4 W	410 A²s	13 g	25
D02GR44V50	R201771	440 V	50 A	830 A²s	100 kA	10 W	1650 A²s	13 g	25
D02GR44V63	Y207113	440 V	63 A	1300 A²s	100 kA	13.9 W	2500 A²s	13 g	25

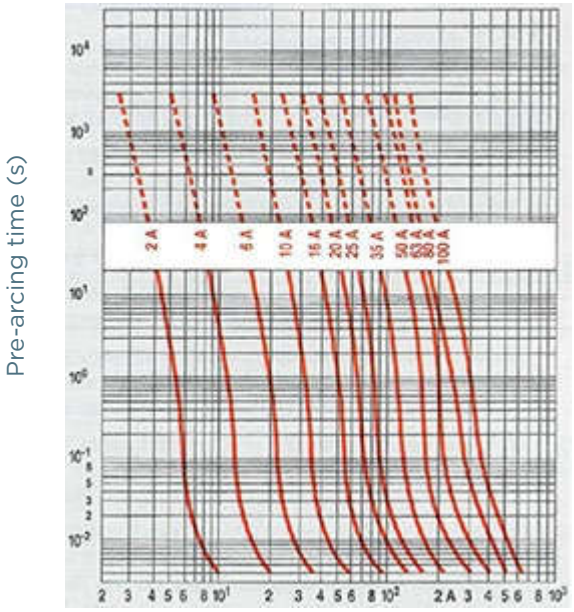
NEOZED RECTICUR IEC DIN TYPE D 03

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I_n	Pre-arcing I^2t	Rated breaking capacity AC	Power dissipation at I_n	Operating I^2t at Rated Voltage	Weight	Package
D03GR44V80	G211514	440 V	80 A	2100 A²s	100 kA	17.6 W	4300 A²s	40 g	10
D03GR44V100	L212024	440 V	100 A	3300 A²s	100 kA	21 W	6600 A²s	40 g	10

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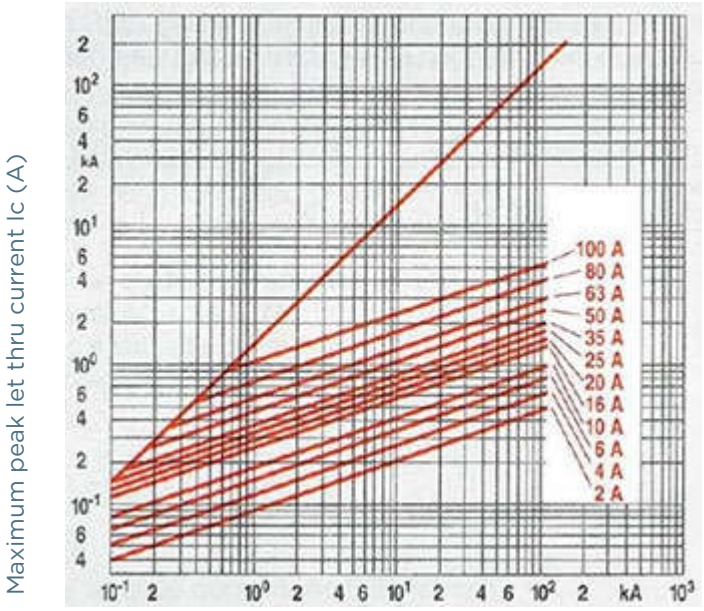
TIME CURRENT CHARACTERISTIC CURVES

RECTICUR D01 D02 D03



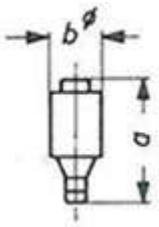
CUT-OFF CURRENT CHARACTERISTIC

RECTICUR D01 D02 D03



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DIMENSIONS



Size (mm)	a	b ø
D01	36	11
D02	36	15,3
D03	43	22,5

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