

# Fuse bases

## Advantages of plastic fuse base PFB D0

→ Compact housing design without additional covers – IP 20 protection class, faster assembling

→ All parts are made of firestop material (GW 960 °C)

→ Two position snapper - enables easy replacement



→ More grip area for screwing caps

→ Front print – product data visible after installation in the cabinet

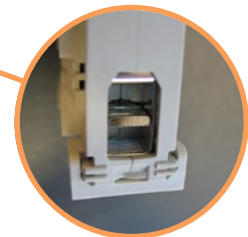
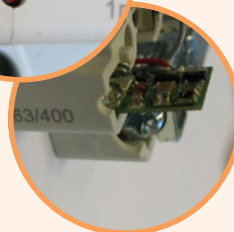


→ Modular design - availability of assembling multi-pole versions on construction site



→ LED indication when fuse link operates - working also in case of open circuit at minimal wire capacitance

→ LED indication flashes when a fuse is blown



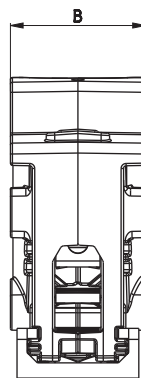
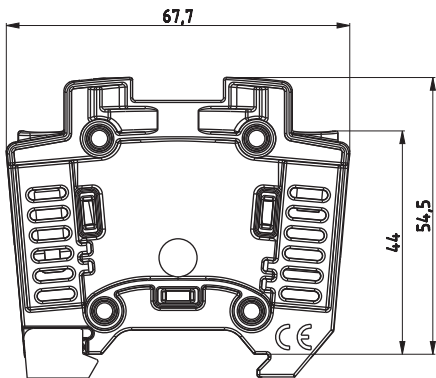
→ Double input terminal - availability of connecting wire and isolated Busbar

→ Contact material Cu - lower temperature rise, very lower power dissipation

**New! LED Version**

Plastic fuse base PFB D0

Technical data		
	PFB D01	PFB D02
Fuse type	D01	D02
Versions	w/o indicator, LED indicator version	
Number of poles	1p, 3p	
Thread	E14	E18
Rated operational voltage Ue	400V a.c. / 250V d.c.	
Rated operational current Ie	16A	63A
Rated frequency	45-62Hz	
Rated conditional short-circuit current	50kA a.c. / 8kA d.c.	
Max power dissipation of the fuse-link (W)	2,5W	5,5W
LED indicator operating range	50V-400V a.c. / 50V-250V d.c.	
Glow wire test (GWFI)	960°C	
Terminals		
Screw	PZ2 M5	
Torque	2Nm	2,5Nm
Input terminal	1 ... 35mm <sup>2</sup> + Busbar 16mm <sup>2</sup>	
Output terminal	1 ... 25mm <sup>2</sup>	
Humidity		
Operating ambient temperature	-5°C ... +40°C	
Store ambient temperature	-25°C ... +55°C	
Degree of protection (IEC 60529) with fuse - carrier	IP 20	
Mounting on EN 60715 rail	35mm	
Standards		
Approvals	IEC 60269-3, VDE0636-3	
	VDE, OVE	



type	B [mm]
1p	26,8
3p	80,4

## Technical data

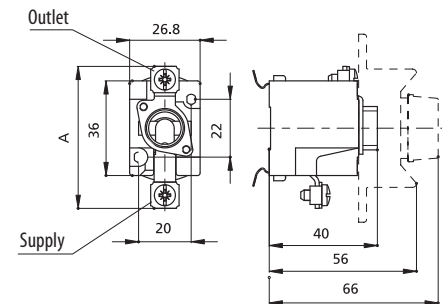
### Ceramic fuse base

#### Technical data

Rated voltage $U_n$	400 V AC
Rated current $I_n$	D01 16 A, D02 63 A
Cross-section of connecting lead	D01 1 - 4 mm <sup>2</sup> D02 1,5 - 25 mm <sup>2</sup>
Connection clamp	with screw +- PZ
Standards	IEC 60269, EN 60269, DIN VDE 0636, SIST EN 60269

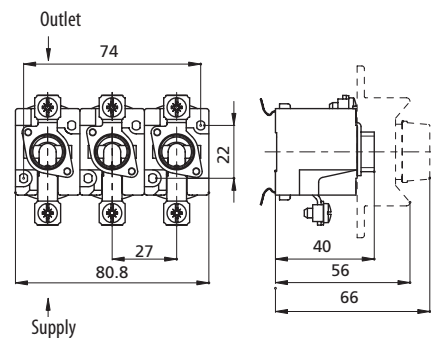
#### 1-pole fuse base D0

type	connections		cross-section of connecting lead [mm <sup>2</sup> ]	dimension A [mm]
	outlet	supply		
D01N - K			1,5 - 4	53
D01V - K			1,5 - 4	53
D02N - K			2,5 - 25	57
D02V - K			2,5 - 25	57
D02N M5 - K			2,5 - 25	57
D02V M5 - K			2,5 - 25	57
D01N			1,5 - 4	53
D01V			1,5 - 4	53
D02N			2,5 - 25	57
D02V			2,5 - 25	57
D02N M5			2,5 - 25	57
D02V M5			2,5 - 25	57

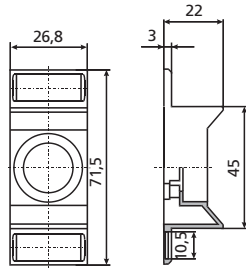


#### 3-pole fuse base D0

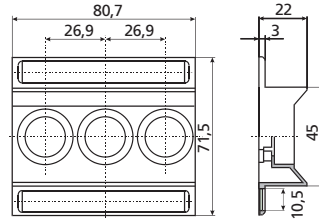
type	connections		cross-section of connecting lead [mm <sup>2</sup> ]	dimension A [mm]
	outlet	supply		
D01N/3 - K			1,5 - 4	53
D01V/3 - K			1,5 - 4	53
D02N/3 - K			2,5 - 25	57
D02V/3 - K			2,5 - 25	57
D02N/3 M5 - K			2,5 - 25	57
D02V/3 M5 - K			2,5 - 25	57
D01N/3			1,5 - 4	53
D01V/3			1,5 - 4	53
D02N/3			2,5 - 25	57
D02V/3			2,5 - 25	57
D02N/3 M5			2,5 - 25	57
D02V/3 M5			2,5 - 25	57



Protection cover



D01, D02

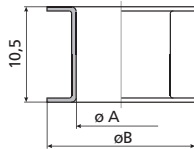


D01/3, D02/3

Gauge piece

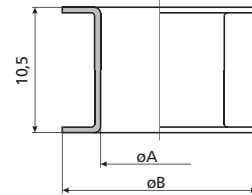
V D01 for fuse base E 14

I <sub>n</sub> [A]	dimension	
	ØA	ØB
2	7,9	12
4	7,9	12
6	7,9	12
10	9,1	12



V D02 for fuse base E 18

I <sub>n</sub> [A]	dimension	
	ØA	ØB
2*	7,9	16,6
4*	7,9	16,6
6*	7,9	16,6
10*	9,1	16,6
16*	10,3	16,6
20	11,5	16,6
25	12,7	16,6
35	13,9	16,6
50	15,1	16,6



\*For using fuse-links D01 and fuse bases D02.

Fuse carrier D0

