BUSHING INSULATORS



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BUSHING INSULATORS UP TO 1 kV

IPSU-1/300, IPSU-1/400, IPSU-1/500, IPSU-1/600 22

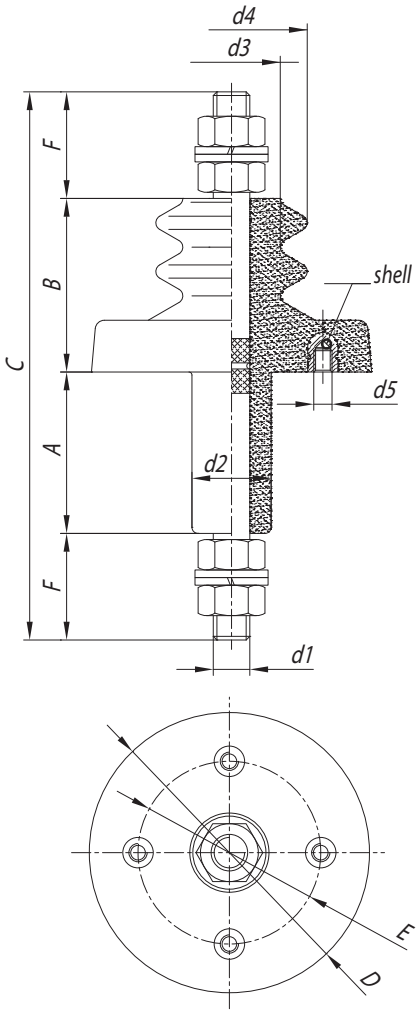
BUSHING INSULATORS FROM 6 kV TO 38 kV

IPSU-12S/630, IPSU-12/630, IPSU-24/630, IPSU-38/630 23

PI 12/23, PI 12/23-1, PI 12/23-2, PI 12/23-3 24

BI 12/24-250A 25

IPSU-1/300, IPSU-1/400, IPSU-1/500, IPSU-1/600





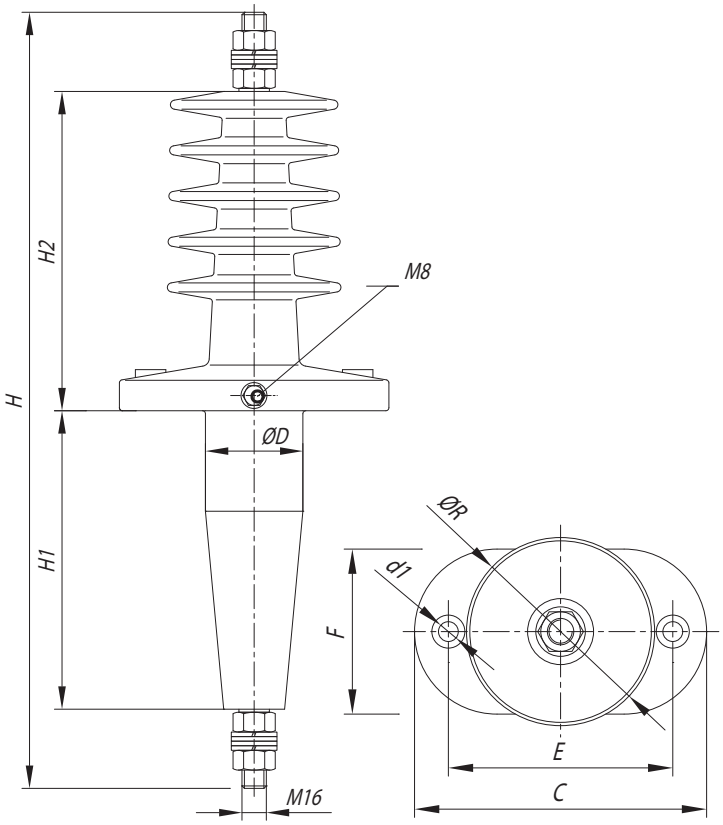
IPSU-1/300

Bushing insulators up to 1 kV **IPSU-1/300**, **IPSU-1/400**, **IPSU-1/500**, **IPSU-1/600**

TECHNICAL DATA	IPSU-1/300	IPSU-1/400	IPSU-1/500	IPSU-1/600
Rated voltage (kV)	0,8	0,8	0,8	0,8
Highest voltage for equipment (eff.) (kV)	1	1	1	1
Rated power-frequency withstand voltage, 1 min. (kV)	3	3	3	3
Rated current (A)	300	400	500	600
Mass (kg)	0,64	0,83	1,07	1,71
Creepage distance (mm)	105/70	107/70	110/70	110/70
Valid standard	IEC 60664-1			
Breaking force (kN)	3,75			
Mounting	Outdoor/Indoor			
Operation temperature	- 40°C up to +125°C			
Type of main insulation	Epoxy resin			

Insulator type	Dimensions (mm)										
	A	B	C	D	E	F	d1	d2	d3	d4	d5
IPSU-1/300	53	57	180	Ø92	60	33	M12	Ø26	32	48	M6
IPSU-1/400	53	57	190	Ø94	62	38	M14	Ø30	36	54	M6
IPSU-1/500	55	57	200	Ø98	64	42	M16	Ø36	42	62	M8
IPSU-1/600	55	57	210	Ø98	64	47	M20	Ø36	42	62	M8

IPSU-12S/630, IPSU-12/630, IPSU-24/630, IPSU-38/630





IPSU-12S/630



IPSU-12/630

Medium-voltage bushing insulators up to 38 kV **IPSU-***

TECHNICAL DATA	IPSU-12S/630	IPSU-12/630(1250)	IPSU-24/630(1250)	IPSU-38/630
Rated voltage (kV)	6	10	20	35
Highest voltage for equipment (eff.) (kV)	7,2	12	24	38
Rated power-frequency withstand voltage, 1 min. (kV)	20	28	50	70
Rated impulse withstand voltage 1.2/50 μs (kV)	60	75	125	170
Number of ribs	3	5	6	6+5
Mass (kg)	3,50	3,90	5,80	8,80
Creepage distance (mm)	355	455(430)	590(605)	830
Valid standard	IEC 60137			
Rated current (A)	630			
Breaking force (kN)	7,5			
Mounting	Outdoor/Indoor			
Operation temperature	- 40°C up to +125°C			
Type of main insulation	Epoxy resin			

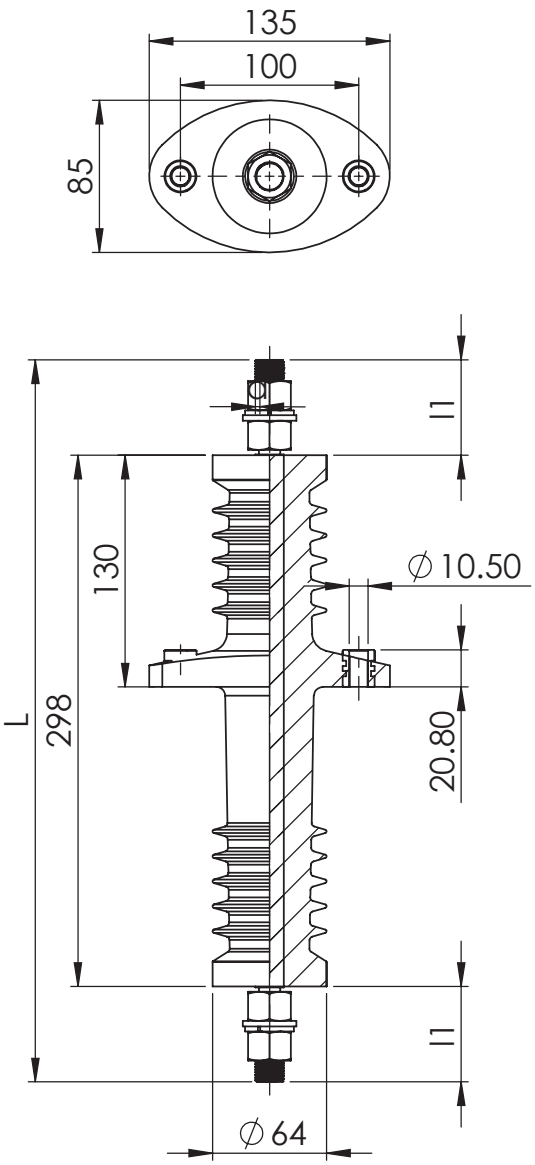
NOTE:

For currents exceeding 630 A (800 A, 1250 A, 2000 A), we recommend terminal lugs (connecting flags) as they provide superior contact connections and are adapted for busbar distribution systems. We can supply these terminal lugs upon request.

Insulator type	Dimensions (mm)											
	H	H1	H2	C	D	d1	E	F	R	M (630A)	M (1250A)	M (2000A)
IPSU-12S/630 (1250)	380	145	155	178	Ø60	Ø13	136	100	Ø115	M16	-	-
IPSU-12/630 (1250, 2000)	500	195	210	178 (198)	Ø60 (Ø80)	Ø13	136 (156)	100 (120)	Ø115 (Ø134)	M16	M32	M42
IPSU-24/630 (1250, 2000)	680	288	294 (296)	196 (216)	Ø80 (Ø90)	Ø13	156 (176)	120 (140)	Ø136 (Ø160)	M16	M32	M42
IPSU-38/630 (800, 1250, 2000)	907 (932)	371 (372)	442	230 (250)	Ø90 (Ø110)	Ø13	165 (190)	140 (160)	Ø145 (Ø165)	M16	M32	M42

CONTENTS

PI 12/23, PI 12/23-1, PI 12/23-2, PI 12/23-3





PI 12/23-3

Medium-voltage bushing insulator 10 kV

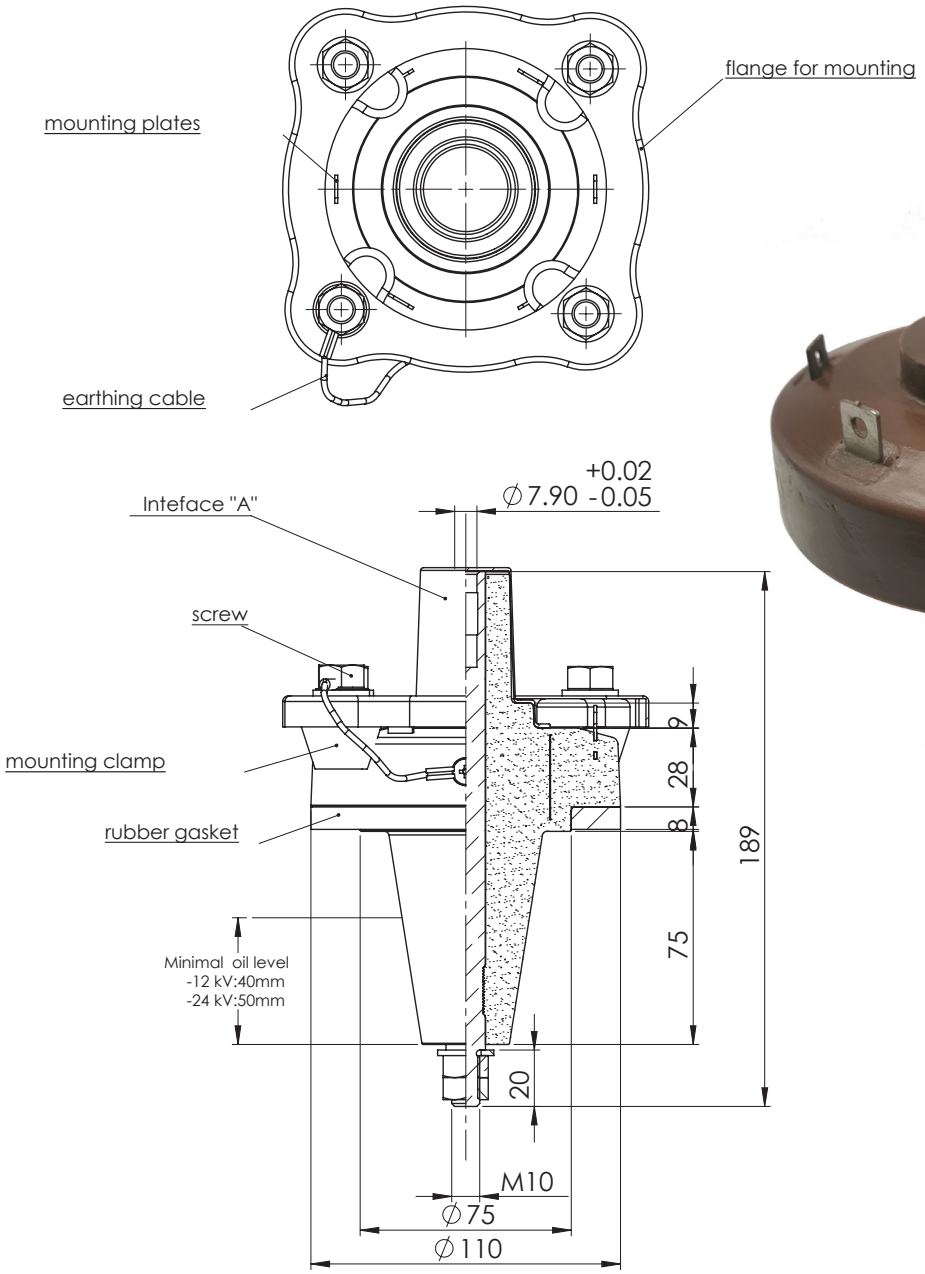
Type	Dimensions (mm)				Mass (kg)
	Rated current (A)	d	L	L1	
PI 12/23	200	M10	385	30	2.2
PI 12/23-1	315	M12	395	35	2.4
PI 12/23-2	400	M16	405	40	2.8
PI 12/23-3	630	M20	425	50	3.2

TECHNICAL DATA	PI 12/23
Rated voltage (kV)	10
Highest voltage for equipment (eff.) (kV)	12
Breaking force (kN)	3,75
Colour	Brown
Standard	IEC 60173:2017
Mounting	Indoor
Operation temperature (°C)	-40°C up to +125°C
Type of main insulation	Epoxy resin

NOTE:

Primary conductors are manufactured from brass as standard.
At the customer's request, the primary conductors can also be made of copper or aluminium.

BI 12/24-250A





Medium-voltage bushing insulator **BI 12/24-250A**

TECHNICAL DATA	BI 12/24-250A
Rated voltage (kV)	10/11/15/20/22
Highest voltage for equipment (eff.) (kV)	12/17.5/24
Rated current (A)	250
Colour	Brown
Standard	IEC 60137:2017
Mounting	Indoor
Operation temperature (°C)	-40°C up to +125°C
Type of basic insulation	Epoxy resin
Mass (kg)	1,9

NOTE:

For use in equipment insulated with oil fluid, typically for transformers, switchgears, capacitors...

CONTENTS

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