



ROSE Ex products are in accordance with all EC harmonized standards as well as the ATEX guideline and worldwide IECEx scheme:

EN/IEC 60079-0, EN/IEC 60079-1, EN/IEC 60079-7, EN/IEC 60079-11, EN/IEC 60079-15, EN/IEC 60079-18, EN/IEC 60079-28, and EN/IEC 60079-31.

Protection concepts:

- Ex eb (increased safety)
- Ex ia (intrinsically safety)
- Ex db (flameproof encapsulation)
- Ex tb (protection by enclosures)

■ Approvals





- + High-quality enclosure systems for aggressive areas according ATEX and IEC-directives
- + Empty enclosures for individual fittings and Ex e / Ex ia terminal enclosures
- + Optional version with window

Included in delivery

Empty enclosure: Enclosure system with silicone seal.

Junction box: Enclosure system - depending on version either with silicone seal, DIN rails, internal earthing connection, terminals, continuity plate, manufacturing, cable glands

Technical datas

Explosion protection	II 2G Ex e IIC T6/T5/T4 Gb II 2G Ex ia IIC T6/T5/T4 Gb II 2G Ex d e ia [ia] mb IIC T6/T5/T4 Gb II 3G Ex e d mb ia [ia] nA nC [op is] IIC T6, T5, T4 Gc II 2D Ex tb IIIC T85°C/T100°C/T135°C Db IP66
Material	Stainless steel 1.25 mm or 1.5 mm; 1.4404 / 316L
Ingress protection	IP 66 to EN 60529
Surface	grinded, grain 240
Impact resistance	7 Joule to EN 60079-0
Temperature range	Ex B: -55°C to +135°C other seals/executions see Ex approval Ex e/ia: -20°C to +40°C (acc. T6 = 80°C max. on surface temperature) -20°C to +55°C (acc. T5 = 95°C max. on surface temperature) -20°C to +90°C (acc. T4 = 130°C max. on surface temperature) to -55°C with special marking on request
Other versions on request	EMC

Ex stainless steel IG

Product overview

Ex e		Ex empty		Ex ia		Dimensions H x W x D (mm)	Weight (g)
Order no.	Product type	Order no.	Product type	Order no.	Product type		
35.10 10 06	IGExe 35010	34.10 10 06	IGExB 34010	36.10 10 06	IGExi 36010	100 x 100 x 61	581
35.15 10 06	IGExe 35015	34.15 10 06	IGExB 34015	36.15 10 06	IGExi 36015	100 x 150 x 61	737
35.15 15 08	IGExe 35020	34.15 15 08	IGExB 34020	36.15 15 08	IGExi 36020	150 x 150 x 81	1195
35.20 10 06	IGExe 35025	34.20 10 06	IGExB 34025	36.20 10 06	IGExi 36025	100 x 200 x 61	934
35.20 20 08	IGExe 35030	34.20 20 08	IGExB 34030	36.20 20 08	IGExi 36030	200 x 200 x 81	1812
35.20 20 12	IGExe 35035	34.20 20 12	IGExB 34035	36.20 20 12	IGExi 36035	200 x 200 x 121	2126
35.30 15 08	IGExe 35040	34.30 15 08	IGExB 34040	36.30 15 08	IGExi 36040	150 x 300 x 81	1913
35.30 20 08	IGExe 35045	34.30 20 08	IGExB 34045	36.30 20 08	IGExi 36045	200 x 300 x 81	2387
35.30 20 12	IGExe 35050	34.30 20 12	IGExB 34050	36.30 20 12	IGExi 36050	200 x 300 x 121	2790
35.30 30 12	IGExe 35055	34.30 30 12	IGExB 34055	36.30 30 12	IGExi 36055	300 x 300 x 121	3812
35.30 30 16	IGExe 35060	34.30 30 16	IGExB 34060	36.30 30 16	IGExi 36060	300 x 300 x 161	4121
35.38 38 16	IGExe 35065	34.38 38 16	IGExB 34065	36.38 38 16	IGExi 36065	380 x 380 x 161	5858
35.40 15 08	IGExe 35070	34.40 15 08	IGExB 34070	36.40 15 08	IGExi 36070	150 x 400 x 81	2390
35.40 20 12	IGExe 35075	34.40 20 12	IGExB 34075	36.40 20 12	IGExi 36075	200 x 400 x 121	3403
35.40 30 16	IGExe 35080	34.40 30 16	IGExB 34080	36.40 30 16	IGExi 36080	300 x 400 x 161	5288
35.50 30 16	IGExe 35085	34.50 30 16	IGExB 34085	36.50 30 16	IGExi 36085	300 x 500 x 161	6257
35.50 40 16	IGExe 35090	34.50 40 16	IGExB 34090	36.50 40 16	IGExi 36090	400 x 500 x 161	7353
35.60 20 12	IGExe 35095	34.60 20 12	IGExB 34095	36.60 20 12	IGExi 36095	200 x 600 x 121	5818
35.99 99 99	IGExe 35999	34.99 99 99	IGExB 34100	36.99 99 99	IGExi 36999	Special size on request	

Terminal mounting

Make	Phoenix Contact											
DIN rail	TS 15	TS 15	TS 35	TS 35	TS 35	TS 35	TS 35	TS 35	TS 35	TS 35	TS 35	
Nominal cross section (mm²)	2,5	4	2,5	4	6	10	16	35	50	95	150	
Voltage (V)	352	352	690	690	690	690	690	690	690	880	1100	
Terminal width (mm)	5,2	6,2	5,2	6,2	8,2	10,2	12,2	16,2	20	25	31	
Terminal type												
Enclosure type	MUT 2,5	MUT 4	UT 2,5	UT 4	UT 6	UT 10	UT 16	UT 35	UKH 50	UKH 95	UKH 150	PE bar 1,5 to 6 mm²
XX.10 10 06	10	8										3
XX.15 10 06	19	16										6
XX.15 15 08	19	16	19	16	12	10	8					6
XX.20 10 06	29	24										8
XX.20 20 08	58	48	58	48	36	28	12					8
XX.20 20 12	58	48	58	48	36	28	12	10				8
XX.30 15 08	48	40	48	40	30	24	20					13
XX.30 20 08	96	80	96	80	60	24	20					13
XX.30 20 12	96	80	96	80	60	24	20	15				13
XX.30 30 12	96	80	96	80	60	48	20	15	12			13
XX.30 30 16	96	80	96	80	60	48	40	15	12			13
XX.38 38 16	189	159	189	159	120	96	81	40	16	13	10	18
XX.40 15 08	67	53	67	53	42	34	28					19
XX.40 20 12	134	106	134	106	84	68	28	21	17			19
XX.40 30 16	134	106	134	106	84	68	28	21	17	14		19
XX.50 30 16	172	144	172	144	110	88	74	27	22	18		24
XX.50 40 16	344	288	344	288	220	132	111	54	44	18	12	24
XX.60 20 12	212	178	212	178	134	54	45	34	27			29

Other supplier on request