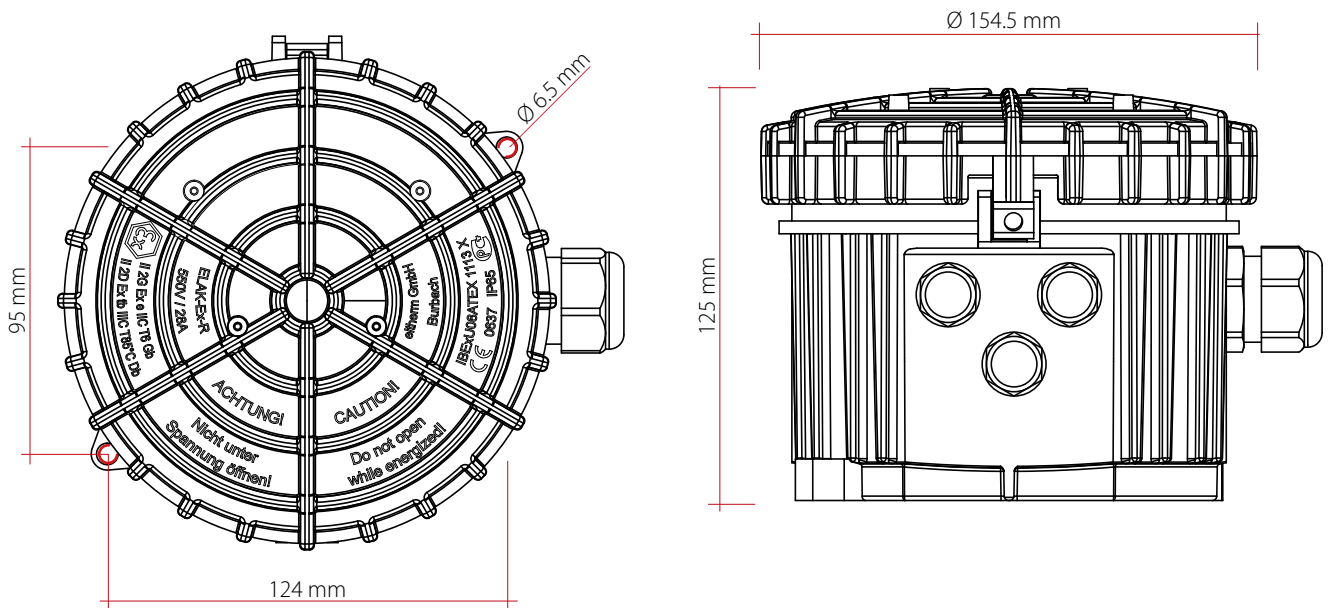


Technical Specifications

Operating voltage (max.)	550 V
Nominal current	Max 28 A
Ambient temperature	- 40 °C to +50 °C
Connection cross-section*	Supply line max. 6 mm ² , (ELAK-Ex-R max. 2.5mm ²)
Housing material	Polyamide, black
Dimensions	(approx.) Ø 154.5 mm, height 125 mm
Protection	IP 65
Interference immunity	7 joules
Mounting	Wall mounting
Weight	approx. 0.7 kg

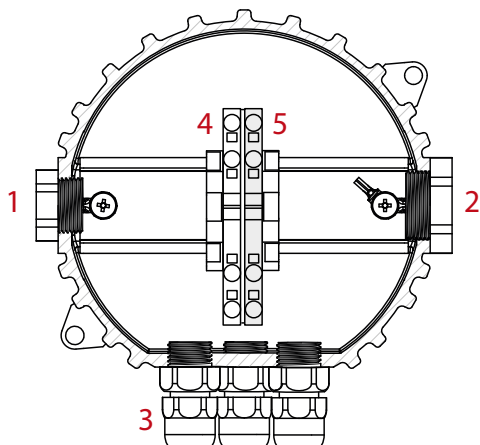
* Connection cross-section (solid or with fine wires without wire end ferrule); terminal heating cable max. 6 mm² (AWG12); Terminal temperature sensor max. 2.5 mm² (AWG 13)



Note: The ELAK-Ex-R system does not include connection and termination sets. Please order these separately according to the Type of heating tape you are using.

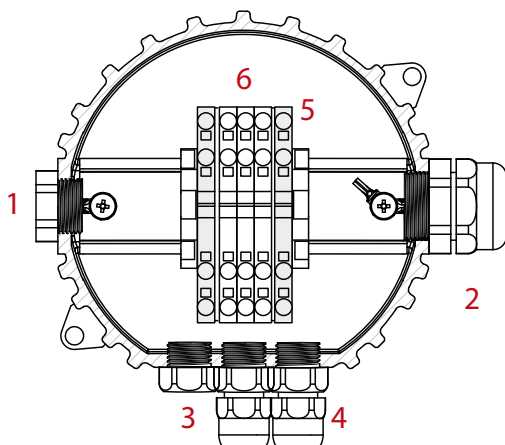


Scope of Delivery



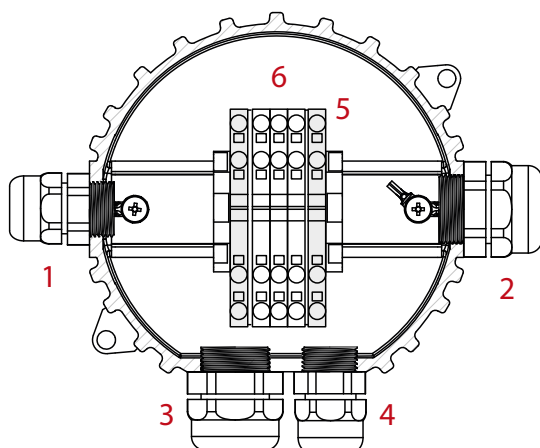
ELAK-Ex-R1

Pos.	Type	Quantity	Clamping range
1	Blind plug M20x1,5	1	-
2	Blind plug M25x1,5	1	-
3	Cable gland M16x1,5	3	4 - 10 mm
4	Feed-through terminal	1	6 mm ²
5	Protective earth terminal	1	6 mm ²



ELAK-Ex-R2

Pos.	Type	Quantity	Clamping range
1	Blind plug M20x1,5	1	-
2	Cable gland M25x1,5	1	9-13/12-17 mm
3	Blind plug M16x1,5	1	-
4	Cable gland M16x1,5	2	4 - 10 mm
5	Protective earth terminal	2	6 mm ²
6	Feed-through terminal	3	6 mm ²



ELAK-Ex-R4

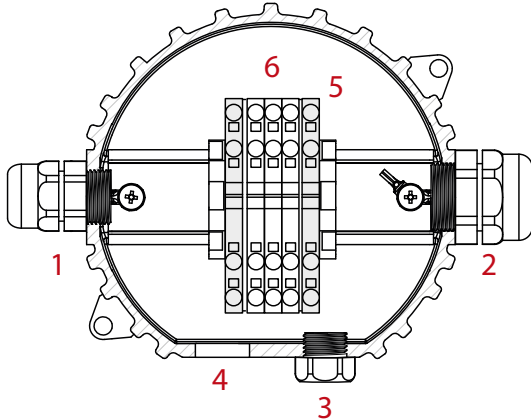
Pos.	Type	Quantity	Clamping range
1	Cable gland M20x1,5	1	9 - 12 mm
2	Cable gland M25x1,5	1	9-13/12-17 mm
3	Cable gland M25x1,5	1	9-13/12-17 mm
4	Cable gland M20x1,5	1	9 - 12 mm-
5	Protective earth terminal	2	6 mm ²
6	Feed-through terminal	3	6 mm ²

■ Clamp for earthing or electrical protection

Ordering Information

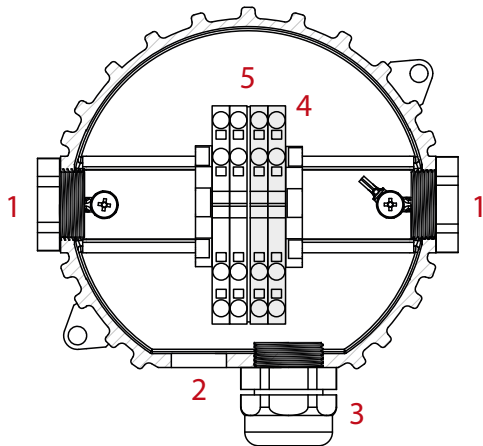
Type	Suitable connection	Item no.
ELAK-Ex-R1	Star point for connection ELKM-AG-**	0X80071
ELAK-Ex-R2	2 phases or star connection for ELKM-AG-**	0X80072
ELAK-Ex-R4	Connection of 1 ELKM-AG-** to EL-CTB	0X80074

Scope of Delivery



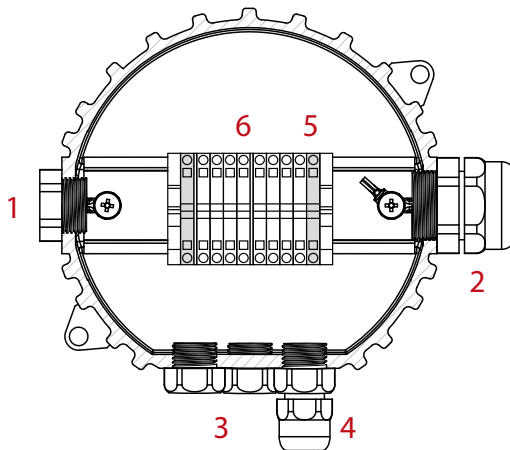
ELAK-Ex-R5

Pos.	Type	Quantity	Clamping range
1	Cable gland M20x1,5	1	7 - 12 mm
2	Cable gland M25x1,5	1	9-13/12-17 mm
3	Blind plug M16x1,5	1	-
4	Drilling M20	1	-
5	Protective earth terminal	2	6 mm ²
6	Feed-through terminal	3	6 mm ²



ELAK-Ex-R7

Pos.	Type	Quantity	Clamping range
1	Blind plug M25x1,5	2	-
2	Drilling M25	1	-
3	Cable gland M25x1,5	2	9-13/12-17 mm
4	Protective earth terminal	2	6 mm ²
5	Feed-through terminal	2	6 mm ²



ELAK-Ex-R8 & ELAK-Ex-R8i

Pos.	Type	Quantity	Clamping range
1	Blind plug M20x1,5	1	-
2	Cable gland M25x1,5	1	9 - 17 mm
3	Blind plug M16x1,5	2	-
4	Cable gland M16x1,5	1	6 - 10 mm
5	Protective earth terminal	2	2,5 mm ²
6	Feed-through terminal	8	2,5 mm ²

 Clamp for earthing or electrical protection

Ordering Information

Type	Suitable connection	Item no.
ELAK-Ex-R5	Connection of 1 ELSR + EL-CT	0X80075
ELAK-Ex-R7	Connection of 1 up to 3 ELSR or ELP	0X80077
ELAK-Ex-R8	Connection of 1 or 2 Pt100 sensors	0X80078
ELAK-Ex-R8i	Connection of 1 or 2 Pt100 sensors [ib]	0X80078IB