

Connection box for use in classified areas, with explosion-proof type of Ex-d. (Zone 1, 2, 21 and 22 - GROUPS: IIA and IIB).



## BOX TECHNICAL DATA:

- Marking: Ex-d IIB T \* Gb / Ex-tb IIIC Db  
Ex-d IIB T4 Gb / Ex-tb IIIC T135 ° C  
Ex-d tb IIIC T85 ° C
- ZONES: 1, 2, 21 and 22 - GROUPS: IIA and IIB
- Degree of protection: IP66;
- Body: cast aluminum;
- Painting: electrostatic gray munsell N6,5;
- Flanged cover fixed to the body by means of screws, with flat nut and 304 stainless steel lock washer
- Galvanized steel plate mounting plate;
- Grounding terminal on all models;



## TECHNICAL STANDARDS:

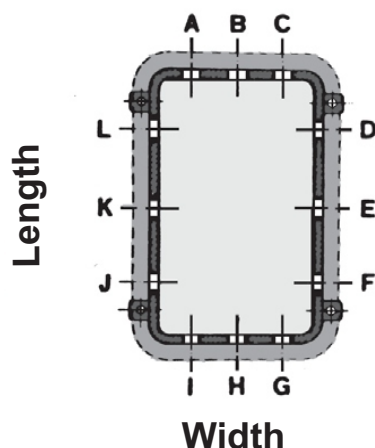
ABNT NBR IEC 60079-0:2013  
ABNT NBR IEC 60079-1:2016  
ABNT NBR IEC 60079-31:2014  
ABNT NBR IEC 60529:2017 e  
INMETRO Ordinance nº 179 de 18/05/2010

## Dimensions

Models	Class of temperature	External		Internal		Box / lid heights					Mounting plate	
		A	B	C	D	P	H1	G1	H2	G2	K	L
RLX-17	T6	225	151	94	167	87	136	24	—	—	145	82,5
RLX-22	T6	228	213	142	223	93	158	26	184	54	210	130
RLX-22Q	T6	355	355	215	215	95	160	25	185	50	200	200
RLX-35R	T6	416	351	263	324	122	190	24	230	66	310	250
RLX-45GR	T5	555	450	355	460	195	220	—	—	—	424	333
RLX-70GR	T4	780	450	355	690	197	220	—	—	—	563	424

For models RLX-22 and RLX-35R, inform the height of the box (H1 or H2).

## Drilling options



- Chained entries (on request);
- Perforations other than those specified can be made depending on box size and segment.
- NPT or BSP thread..
- Threaded inlets must be specified according to every need.

