KERMAZ

ATEX BOXES : ENVELOPE IN ENHANCED SAFETY

The increased safety cabinets of our product range comply with EN60079-0: 2006, EN 61241-0: 2006, EN 60079-7: 2007 and EN61241-1: 2004

They are intended for use in the ATEX gas or dust zone, 1-21 and 2-22. They are intended for the chemical, petroleum, agrifood industries, ... where the requirements in terms of safety and corrosion resistance are particularly high.

They can receive busbars, Ex-i components, terminals, Ex-d components.

TECHNICAL CHARACTERISTICS :

Constructed of painted mild steel, stainless steel 304L or 316L, micro shot, they are available in several sizes. Wall thickness 15/10 for envelopes 200 or 300mm deep and 20/10 for those 400 to 600mm. Door reinforcements.

Equipped with special locks, a bottom frame, a through-ground and mounting holes for wall or floor mounting. Waterproofness ensured by a high-performance polyurethane gasket.

MARKING :

For gas zones :

    Ex e II T6/T5, Ex e ia IIC T6/T5 ou Ex e [ia]IIC T6/T5
    Ex ed II T6/T5, Ex ed ia/ib IIC T6/T5 ou Ex ed [ia/ib] IIC T6/T5
    Ex em II T6/T5, Ex em ia/ib IIC T6/T5 ou Ex em [ia/ib]IIC T6/T5

For dust areas :

Ex tD A21 IP6x T80°C/95°C

OPTIONS AND ACCESSORIES :

- Cable plates, cable glands
- Custom piercings
- Installation of cable trays and DIN rails
- Assembly and assembly

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STANDARD DIMENSIONS :

type	hauteur	largeur	profondeur
KER-0604-2	600	400	200
KER-0606-3	600	600	300
KER-0806-x	800	600	300 (400 - 600)
KER-0808-x	800	800	300 (400 - 600)
KER-1006-x	1000	600	300 (400 - 600)
KER-1008-x	1000	800	300 (400 - 600)
KER-1010-x	1000	1000	300 (400 - 600)
KER-1206-x	1200	600	300 (400 - 600)
KER-1208-x	1200	800	300 (400 - 600)
KER-1210-x	1200	1000	300 (400 - 600)
KER-1212-x	1200	1200	300 (400 - 600)
KER-1506-x	1500	600	300 (400 - 600)
KER-1508-x	1500	800	300 (400 - 600)
KER-1510-x	1500	1000	300 (400 - 600)
KER-1512-x	1500	1200	300 (400 - 600)
KER-1515-x	1500	1500	300 (400 - 600)
KER-1806-x	1800	600	300 (400 - 600)
KER-1808-x	1800	800	300 (400 - 600)
KER-1810-x	1800	1000	300 (400 - 600)
KER-1812-x	1800	1200	300 (400 - 600)
KER-1815-x	1800	1500	300 (400 - 600)
KER-2010-x	2000	1000	400 (500 - 600)

x = 3-4 ou 6 suivant profondeur 300 – 400 ou 600mm

Type of protection : Ex II GD
Temperature class : T5 / T6
Protection class : IP66
EC type approval : ISSeP07Atex014x
Temperature : -25 °C / + 40 °C