



THORNE &
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MXBJ



JUNCTION BOXES



400 A

- ▶  II 2 G D Ex eb IIC and Ex tb IIIC
- ▶ Intrinsic safety capability
- ▶ IP66 Water-and dust-tight
- ▶ GRP casing, aluminium, stainless steel AISI 316 L
- ▶ From -55 °C to +60 °C
- ▶ Shock resistance IK09



ELECTRICAL FEATURES

Maximum voltage*	750 V
Maximum nominal current*	400 A
Flexible and stranded wiring (mini - maxi)*	0,2-300 mm ²
Cable entries	M12 to M80

* Depending on the type of terminal connection.

CLIMATIC FEATURES

Temperature range and ratings	From -55 °C to +60 °C
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MECHANICAL FEATURES

Degree of protection	IP66
Shock resistance	IK09 according to IEC and EN 62 262
Material	GRP casing, aluminium, stainless steel AISI 316 L. Stainless steel screws.

ATEX MARKINGS

ATEX zones	Gas and Dust : zones 1 & 2, 21 & 22
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ATEX markings	II 2 G Ex eb IIC T* Gb increased safety
	II 2 G Ex ia IIC T* Gb or
	II 2 G Ex ib IIC T* Gb intrinsic safety
	II 2 G Ex eb ib or ia IIC T* Gb increased safety and intrinsic safety
	II 2 D Ex tb IIIC T* Db in dust

Standards compliance	IEC/EN 60079-0, 60079-7, 60079-11 et 60079-31
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Certificates	Certificates IECEx N° IECEx LCI 11.0026X and ATEX N° LCIE 11 ATEX 3028X
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* Depending on the ambient temperature, the internal components and socket mix.



ACCESSORIES ON REQUEST

- Earth stud
- Earth bar
- Shield bar
- Junction bar
- Hinges
- Mounting
- Purge or breather
- Earthing plate
- Metal gland with or without earth ring