



THORNE &  
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# B2x



## SOCKET OR JUNCTION BOXES



**63 A**

- ▶  II 2 G D Ex e IIC, Ex tb IIC
- ▶ Intrinsic safety capability
- ▶ IP66/IP67 Water-and dust-tight
- ▶ GRP casing
- ▶ With Ex e certified Terminal
- ▶ Dimension 120x120x90 mm or 160x160x90 mm



## ELECTRICAL FEATURES

|                                            |                           |
|--------------------------------------------|---------------------------|
| Maximum voltage                            | 750 V DC/AC               |
| Maximum nominal current                    | 63 A                      |
| Flexible and stranded wiring (mini - maxi) | 0.22 – 35 mm <sup>2</sup> |
| Cable entries                              | M12 to M40                |

## CLIMATIC FEATURES

|                   |                       |
|-------------------|-----------------------|
| Temperature range | From -50 °C to +60 °C |
|-------------------|-----------------------|

## MECHANICAL FEATURES

|                      |                                     |
|----------------------|-------------------------------------|
| Dimensions           | 120x120x90 and 160x160x90           |
| Degree of protection | IP66/IP67                           |
| Shock resistance     | IK09 according to IEC and EN 62 262 |
| Material             | High performance GRP                |

## ASSOCIATED MARECHAL® PRODUCTS

|                         |                           |
|-------------------------|---------------------------|
| DECONTACTOR™            | DXA1, DXN1, DXN3 and DXN6 |
| Connectors              | PNCX                      |
| Multicontact connectors | PXN12C, DXN25C and DXN37C |

## ATEX MARKINGS

|            |                                                                |
|------------|----------------------------------------------------------------|
| ATEX zones | IECEx and ATEX for zones 1 and 2 (gas)<br>and 21 et 22 (dusts) |
|------------|----------------------------------------------------------------|

|               |                                                                                                             |
|---------------|-------------------------------------------------------------------------------------------------------------|
| ATEX markings | Ⓔ II 2 G Ex e IIC T* Gb or Ex ia or ib IIC T* Gb<br>or Ex e ia or ib IIC T* Gb<br>Ⓔ II 2 D Ex tb IIIC T* Db |
|---------------|-------------------------------------------------------------------------------------------------------------|

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Standards compliance | IEC/EN 60079-0, 60079-7,<br>60079-11 and 60079-31 |
|----------------------|---------------------------------------------------|

|              |                                                                             |
|--------------|-----------------------------------------------------------------------------|
| Certificates | Certificates IECEx N° IECEx LCIE 16.0042X<br>and ATEX N° LCIE 16 ATEX 3054X |
|--------------|-----------------------------------------------------------------------------|

\* Depends on equipment mounted in/on the enclosure and the ambient temperature. Ambient temperature: -50°C to +60°C T6/T5/T4 for gas.

For standard configurations of socket boxes with terminals, see the DXN1, DXN3 and DXN6 pages.  
For special configurations, contact us.



## ACCESSORIES ON REQUEST

- Earth Stud
- Earth bar
- Junction bar
- Draining and breathing device
- Earth continuity plate
- Metal cable gland with or without earth continuity