



- ATEX approved.
- CE marked.
- Suitable for installation in harsh environments and hazardous area Zone 0, Zone 1 or Zone 2 dependent on the protection level.
- Suitable for a variety of terminals
- For use in the following ambient temperatures:

### Main advantages type A Smart Boxes

1 The terminals are very accessible.

2 Free space for stripping and adapting cables.

3 Easy to mount and fix. Bracket included.

4 Designed for easy mounting to cable trays and ladders.

-20 °C ≤ Ta ≤ +40 °C for EPDM gasket  
-55 °C ≤ Ta ≤ +40 °C for Silicone gasket

| Type     | Description | Dimension (WxHxD) | Weight | Elcor Part no. |
|----------|-------------|-------------------|--------|----------------|
| Smartbox | A- 101010   | 100x100x100       | 1,5 kg | 1000.913       |
| Smartbox | A- 151010   | 150x100x100       | 2,5 kg | 1000.915       |
| Smartbox | A- 201510   | 200x150x100       | 3,0 kg | 1000.920       |
| Smartbox | A- 202010   | 200x200x100       | 3,5 kg | 1000.921       |



## Wall mounted Junction Box Type SMARTBOX TYPE A Easy Access terminals

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### Technical data:

|                |  |
|----------------|--|
| Material:      | AISI316L/EN 1.4404   |
| Protection:    | IP66/67  |
| Ex-protection: | II 2 G Ex e IIC T6 Gb<br>II 1 G Ex ia IIA, B or C T6 Ga<br>II 2 G Ex ib IIA, B or C T6 Gb<br>II 3 G Ex ic IIA, B or C T6 Gc<br>*Combinations on request. |
| Finish:        | Bright chemical dip  |
| Voltage:       | 250/750V for Ex e junction boxes<br>Max. 60V for IS junction boxes   |
| Approval:      | Nemko 11ATEX1325   |

| Type / Model         | Internal Dim.<br>(mm) | Minimum Terminal /<br>Conductor Cross-Section  | Max. load   | Max number of<br>terminals            |
|----------------------|-----------------------|--|---|---------------------------------------|
| Smartbox-A<br>101010 | 100x100x100           | 0.75 mm <sup>2</sup><br>2.5 mm <sup>2</sup><br>2.5 mm <sup>2</sup><br>4 mm <sup>2</sup>  | 1 A.<br>3 A.<br>16 A.<br>20 A.                            | 15<br>15<br>10<br>10                  |
| Smartbox-A<br>151010 | 150x100x100           | 0.75 mm <sup>2</sup><br>2.5 mm <sup>2</sup><br>2.5 mm <sup>2</sup><br>4 mm <sup>2</sup><br>6 mm <sup>2</sup><br>10 mm <sup>2</sup>                       | 1 A.<br>3 A.<br>16 A.<br>20 A.<br>25 A.<br>35 A.          | 25<br>25<br>10<br>10<br>8<br>8        |
| Smartbox-A<br>201510 | 200x150x100           | 0.75 mm <sup>2</sup><br>2.5 mm <sup>2</sup><br>2.5 mm <sup>2</sup><br>4 mm <sup>2</sup><br>6 mm <sup>2</sup><br>10 mm <sup>2</sup><br>16 mm <sup>2</sup> | 1 A.<br>3 A.<br>16 A.<br>20 A.<br>25 A.<br>35 A.<br>63 A. | 34<br>34<br>14<br>12<br>10<br>10<br>3 |
| Smartbox-A<br>202010 | 200x200x100           | 0.75mm <sup>2</sup><br>2.5 mm <sup>2</sup><br>2.5 mm <sup>2</sup><br>4 mm <sup>2</sup><br>6 mm <sup>2</sup><br>10 mm <sup>2</sup><br>16 mm <sup>2</sup>  | 1 A.<br>3 A.<br>16 A.<br>20 A.<br>25 A.<br>35 A.<br>63 A. | 34<br>34<br>14<br>12<br>10<br>10<br>4 |

Various combination of the terminals listed may be fitted within the terminal boxes. In such case, the total percentage of the installation shall be less than 100%.