



- ATEX approved.
- CE marked.
- Suitable for installation in harsh environments and hazardous area Zone 1 or Zone 2 dependent on the protection level.
- Direct termination for listed nVent heat trace cables
- For use in the following ambient temperatures:

-20°C ≤ Ta ≤ +40°C for EPDM gasket
-40°C ≤ Ta ≤ +40°C for Silicone gasket (option)

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.



Type	Description	Dimension (WxHxD)	Weight	Elcor Part no.
Smartbox	A- 101010	100x100x100	1,5 kg	1000.930
Smartbox	A- 151010	150x100x100	2,5 kg	1000.931
Smartbox	A- 201510	200x150x100	3,0 kg	1000.932
Smartbox	A- 202010	200x200x100	3,5 kg	1000.933



Wall mounted Junction Box 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 eb IIC T6 Gb
Finish:	Bright chemical dip
Voltage:	250/750V for Ex e junction boxes
Approval:	DNV 21 ATEX 96478X

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

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%.