



- 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:

-20°C ≤ Ta ≤ +40°C for EPDM gasket
-55°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	1000.913
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 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
 II 1 G Ex ia IIA, B or C T6 Ga
 II 2 G Ex ib IIA, B or C T6 Gb
 II 3 G Ex ic IIA, B or C T6 Gc
 *Combinations on request.
 Finish: Bright chemical dip
 Voltage: 250/750V for Ex e junction boxes
 Max. 60V for Ex i junction boxes
 Approval: DNV 21 ATEX 96479

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