

DATASHEET	Pages : 04 Reference : 010032X1
ELECTRICAL BOX PRE-EQUIPPED 230 Vac/24Vdc	Application : 07/07/2015

ELECTRICAL BOX PRE-EQUIPPED



❖ General Description :

Designed to accompany the range of repeater RF/RF TETRA our electrical box pre equipped has several advantages:

- brings together in one place all the electrical circuits and their protection (circuit breaker),
- Allows a stabilized power supply for a use requiring a stabilized direct voltage 24 V rescued by batteries (not mounted)
- Installation and commissioning quick and easy service.

**Overall view electrical box
(batteries included)**



❖ Mechanical features		
Dimensions (Length * Width * High)	300mm * 300mm * 180mm	
Materials	Polycarbonate	
Color of baseplate	RAL 7035	
Color of cover	Smoked transparent	
Temperature	Crête use	Continuous use
	-40°C/+120°C	-40°C/+80°C
Protection rating	IP65	
UV Resistance	UI 508	
❖ Easements plan		
<p>The drawing shows the mechanical details of the CAB 3030S electrical box. It includes a front view with dimensions for mounting holes (ø4x10 and ø5.2x10), terminal spacing (228, 260, 760, 22.5), and overall width (298, 284, 272, 298). A side view shows the height (182) and depth (13.2). Detail views show the mounting bracket dimensions (48.5, 19, 42.3, 29.2) and the cover thickness (9.1, 2.3) with an M6 screw.</p>		

❖ Electrical box configuration		
Weight including batteries	15 Kg	
Number of rows	3	2 horizontal
		1 vertical
Number of junction blocks	7 (2 two holes/screw)	
Type blocks	5 blocks up to 4 mm ² (2 grey / yellow 1 / 1blue/1orange) 2 blocks up to 6 mm ² (1 grey /1 green)	
Number of breaker	1	
Type breaker	2 P/6A/IC60N	
Number of auxiliary contact (iof)	1	
Monitoring relay	1	
Rectifier module	1	
Type rectifier	AC/DC 230V/24V/240W	
Ventilation	Waterproof aerator x2 (IP68)	
❖ Electrical features		
	Inputs	Outputs
Tension nominal	230 Vac	24 Vdc
Input/Output range	230 Vac +/- 15%	24 Vdc
Frequencies	50/60 Hz	/

❖ Batteries	
Mark	Genesis
Reference	16EP_12V-16Ah
Number	2



For the details, please consult the manual referenced 010032A_AnnexeBat constructor battery.

