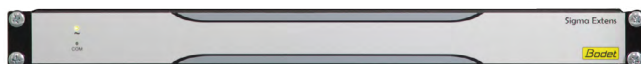


## DESCRIPTION

Extension module for Sigma rack.

A Sigma Extens module permits to add up to 4 option cards ranging from:

- 24V // impulse card (1 output: minute or second).
- Serial impulse card (3 outputs).
- Afnor card (3 outputs).
- ASCII card (3 outputs: RS232/422/485).
- Relay card (3 programmable relays: 1 SPDT and 2 SPNO).
- Afnor input card.



## NORMS

- NF EN 61000-3-2: EMC directive.
- NF EN 61000-3-3: EMC directive.
- 73/23/CEE/89/336: Low voltage.

## TECHNICAL FEATURES

Power values on 24V // impulse outputs : see opposite chart.

Sigma Extens		Sigma Mod		Power supply / version
Consumption 24V// impulse	Power	Consumption 24V// impulse	Power	
<b>1A total</b> 2 x 0.5A option ou 1A option	35W	<b>1A total</b> 0.5A cpu+0.5A option ou 1A option	35W	110-240VAC
<b>4A total</b> 4 x 1A option	-	<b>4.5A total</b> 0.5A cpu + 4x1A option	-	TBT 24VDC
<b>1.5A total</b> 3 x 0.5A op. ou 0.5A op+1A op.	50W	<b>1.5A total</b> 0.5A cpu+2x0.5A op. ou 0.5A cpu + 1A op.	50W	TBT 36/72VAC

The Sigma Mod (110-230VAC) is limited to one impulse option card and to 1A output maximum.

Two modes are possible:

1 - 24V // impulse output of Sigma (0.5A)  
+ impulse option card set to 0.5A  
Total: 1A

2 - 24V // impulse output of Sigma not used  
+ impulse option card set to 1A  
Total: 1A

For 24VDC model, there is no power output limit.

NB : Each 24V // impulse card can be set by DIP switch to 0.5 or 1A. This value will define the limit before the activation of an overcharge alarm on the corresponding output.

Remark : Only one Sigma Extens per Sigma Mod.

## MECHANICAL FEATURES

- **Dimensions of rack**..... H 44 x L 483 x D 200mm.
- **Mounted into a rack cabinet**..... 19".
- **Operating temperature range**..... 0 to +50°C.
- **Protection index**..... IP41.
- **Weight**..... 2 Kg.

## ELECTRICAL FEATURES

- **Power supply**..... 100-240 VAC ; 0.3-0.15A.  
36-72 VDC (50W).  
24 VDC (25W).
- **Communication**..... With RS485 Sigma master clock.
- **LED indicators**..... - Power LED indicator.  
- Communication LED between Sigma and this extension module.

## REFERENCES

- **907 480**..... SIGMA Extens 100-240 V Rack 19"
- **907 481**..... SIGMA Extens 24 VDC Rack 19"
- **on request**..... SIGMA Extens 36-72 VDC Rack 19"

