

## PORTE-AFFICHE CRISTAL (Fixation murale)

### PRESENTATION

- Système d'ouverture Cristal
- Ultra fin : 11 mm
- Cadre PMMA « Cristal »
- Liseré gris argent contour du visuel
- Porte-affiche simple face



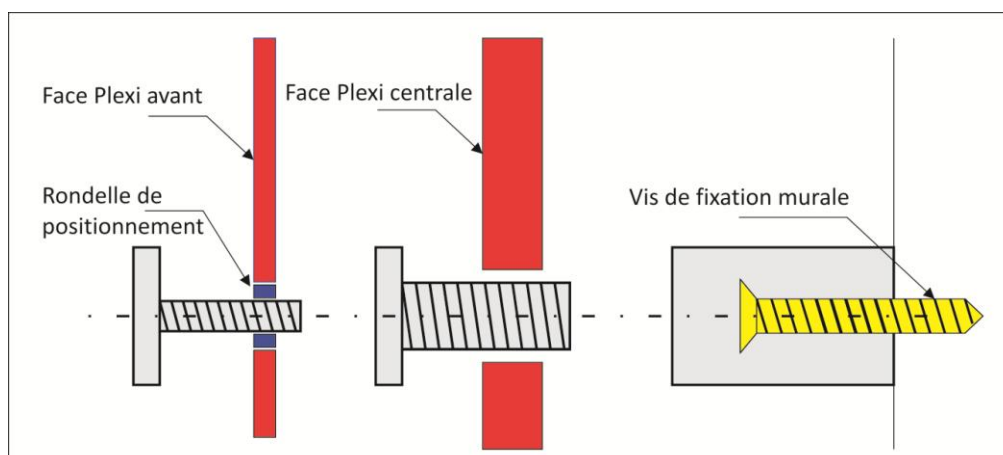
### CARACTERISTIQUES TECHNIQUES

- Alimentation par adaptateur secteur 230V-24VDC (fourni)
- Eclairage par leds
- Fixation de l'affiche entre les faces PMMA par entretoises



Référence	Format	Nb de Faces	Dimensions du cadre (mm)	Dimensions de l'image (mm)	Dimensions du visuel (mm)	Tolérance (mm)	Poids (Kg)	Conso (W)
MLJCRMA324	A3	Simple	377X500X11	297X420	277X400	+/-1	3.2	14
MLJCRMA224	A2	Simple	520X694X11	420X594	395X569	+/-1	5.5	20
MLJCRMA124	A1	Simple	724X971X11	594X841	574X821	+/-1	10	28
MLJCRMA7124	A71	Simple	830X1130X11	700X1000	680X980	+/-2	13,5	32

## MISE EN ŒUVRE



## PORTE-AFFICHE CRISTAL (Fixation suspendue)

- Système d'ouverture Cristal
- Ultra fin : 12mm
- Cadre PMMA Cristal
- Liseré gris argent contour du visuel
- Simple ou double face
- Fixation suspendue

## CARACTERISTIQUE TECHNIQUE

- Alimentation 24V
- Eclairage par leds

Référence	Format	Nb de Faces	Dimensions du cadre (mm)	Dimensions de l'image (mm)	Dimensions du visuel (mm)	Tolérance (mm)	Poids (Kg)	Conso (W)	Côté éclairé
MLJCRSA4SV24	A4	Simple	265X352X11	297X210	200X287	+/-1	2.2	8	1 long
MLJCRSA4SH24	A4	Simple	265X352X11	297X210	200X287	+/-1	2.2	7	1 long
MLJCRSA4DV24	A4	Double	265X352X12	297X210	200X287	+/-1	2.5	13	2 longs
MLJCRSA4DH24	A4	Double	265X352X12	297X210	200X287	+/-1	2.5	10	2 courts
MLJCRSA3SV24	A3	Simple	377X500X11	297X420	277X400	+/-1	3.1	18	2 longs
MLJCRSA3SH24	A3	Simple	377X500X11	297X420	277X400	+/-1	3.1	14	2 courts
MLJCRSA3DH24	A3	Double	377X500X12	297X420	277X400	+/-1	3.4	18	2 courts

Attention, les références MLJCRSA4SV24 et MLJCRSA4SH24 n'ont qu'une seule rangée de led qui éclaire le porte- affiche.

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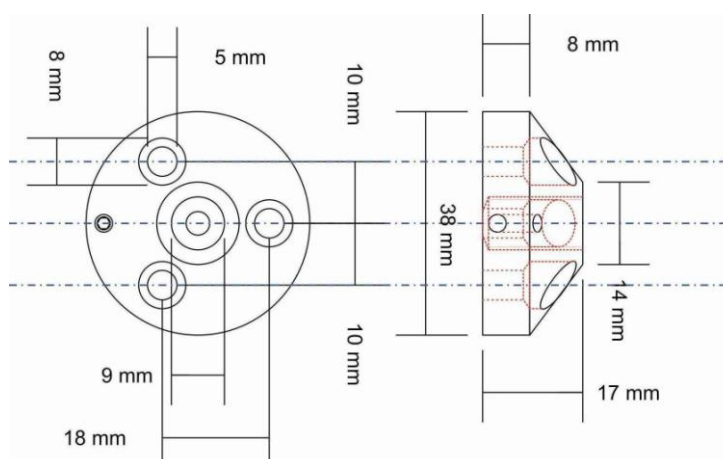
PORTE-AFFICHES CRISTAL 24V

MLJCRx24

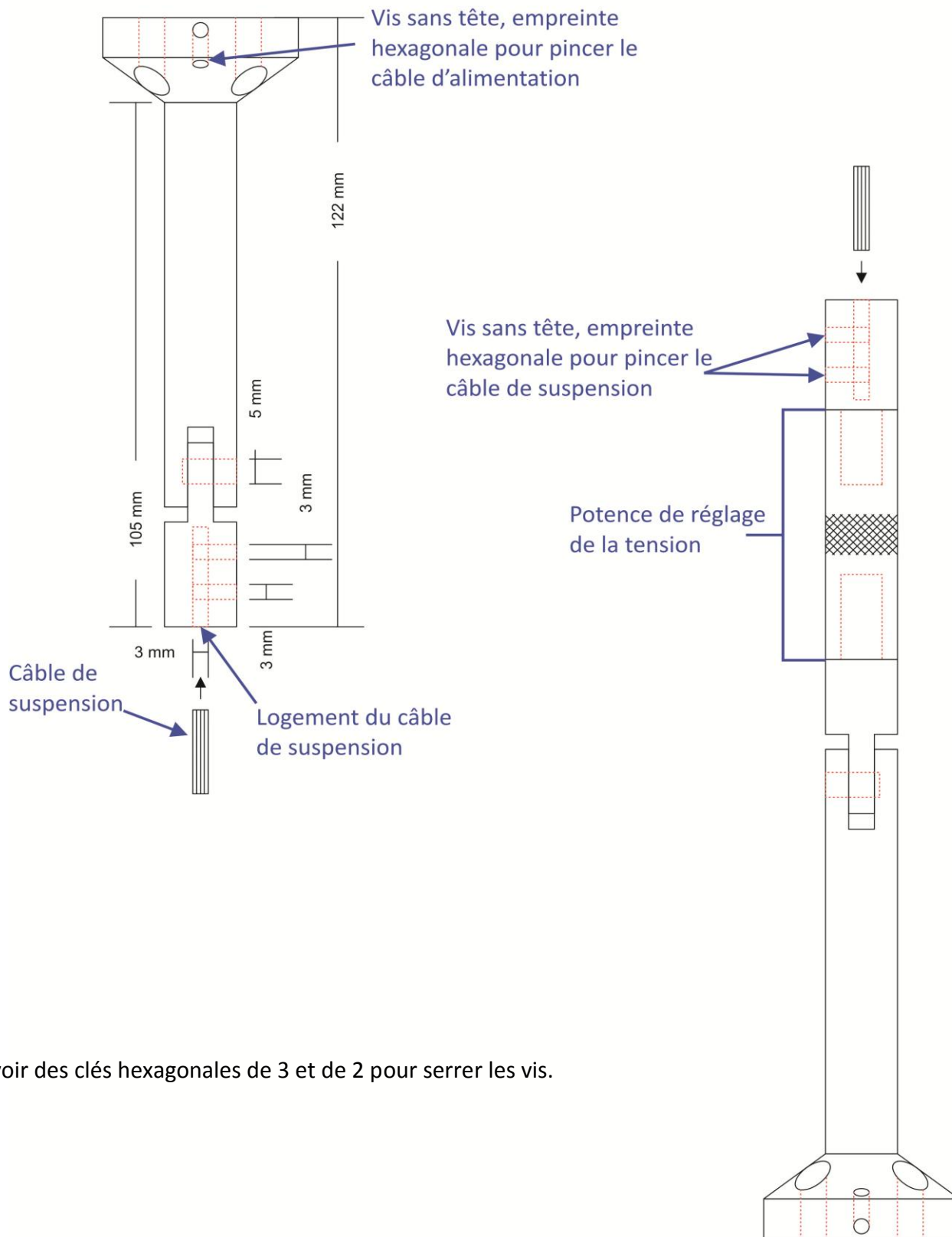
Charge maxi par alimentation	MLPM4024E (36W)		MLPM9024E (76W)		MLPM12024E (100W)		MLPM18024E (150W)		MLPM24024E (200W)		MLPM36024E (300W)	
	H	V	H	V	H	V	H	V	H	V	H	V
Porte-affiche A4 simple face	4	3	8	7	11	10	17	15	22	20	34	30
Porte-affiche A4 double face	2	2	6	4	8	6	12	9	16	12	24	18
Porte-affiche A3 simple face	2	1	4	3	5	4	8	6	11	8	17	13
Porte-affiche A3 double face	1	-	3	-	4	-	6	-	8	-	13	-

## ACCESSOIRES

Référence	MLKAK	MLKAK2	MLKAMS	MLKAMD
Désignation	Kit de raccordement électrique et de suspension	Kit de raccordement électrique et de suspension	Pièce de jonction multi colonne simple face	Pièce de jonction multi colonne double face
Composition	1 câble de 3m 1 potence+tendeur 2 fixations mur ou plafond	2 câbles de 3m 2 potences+tendeurs 4 fixations mur ou plafond	1 pièce	1 pièce



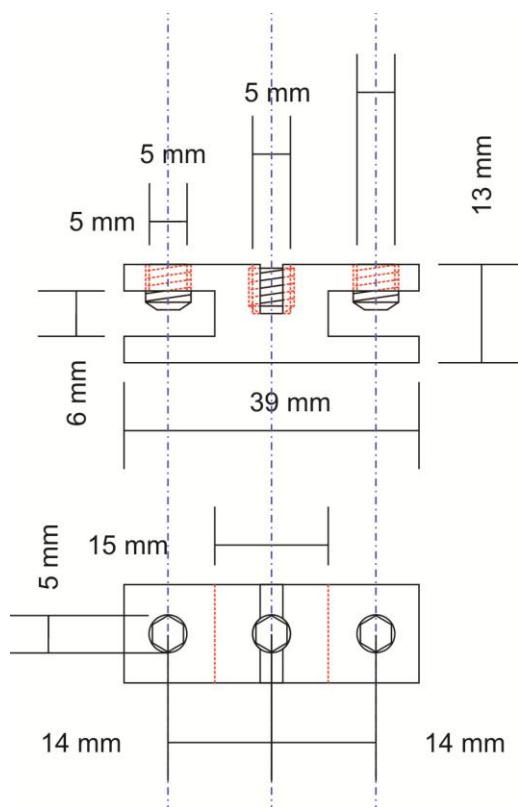
## Potence Haute



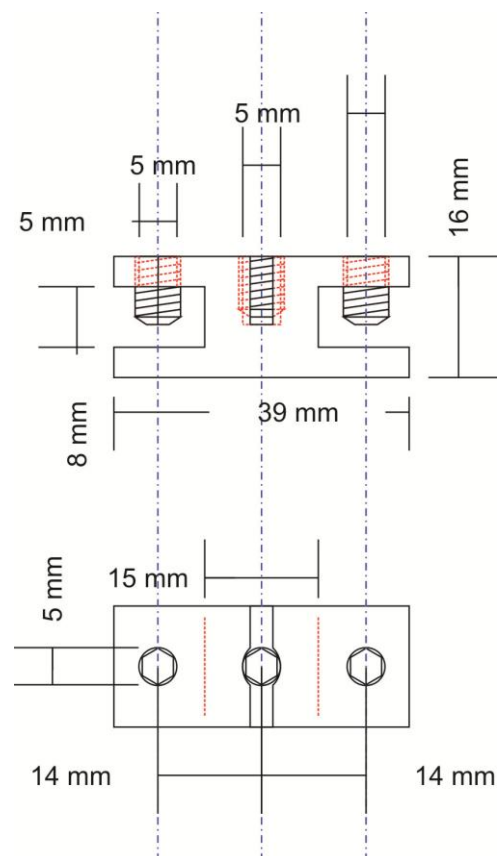
Prévoir des clés hexagonales de 3 et de 2 pour serrer les vis.

## Potence Basse

MLKAMS



MLKAMD

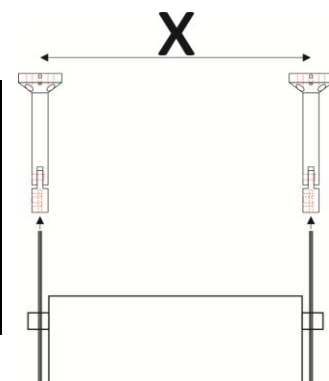


Prévoir une clé hexagonale de 3 pour serrer correctement les vis.

## MISE EN ŒUVRE

Déterminer l'entraxe de fixation des potences :

Référence	MLJCRSA4SH/DH	MLJCRSA4SV/DV	MLJCRSA3SH/DH	MLJCRSA3SV/DV
Entraxe (x)	364 mm	272 mm	512 mm	389 mm



## Porte-affiches suspendus classiques :

Placer les potences de fixation suivant les entraxes.

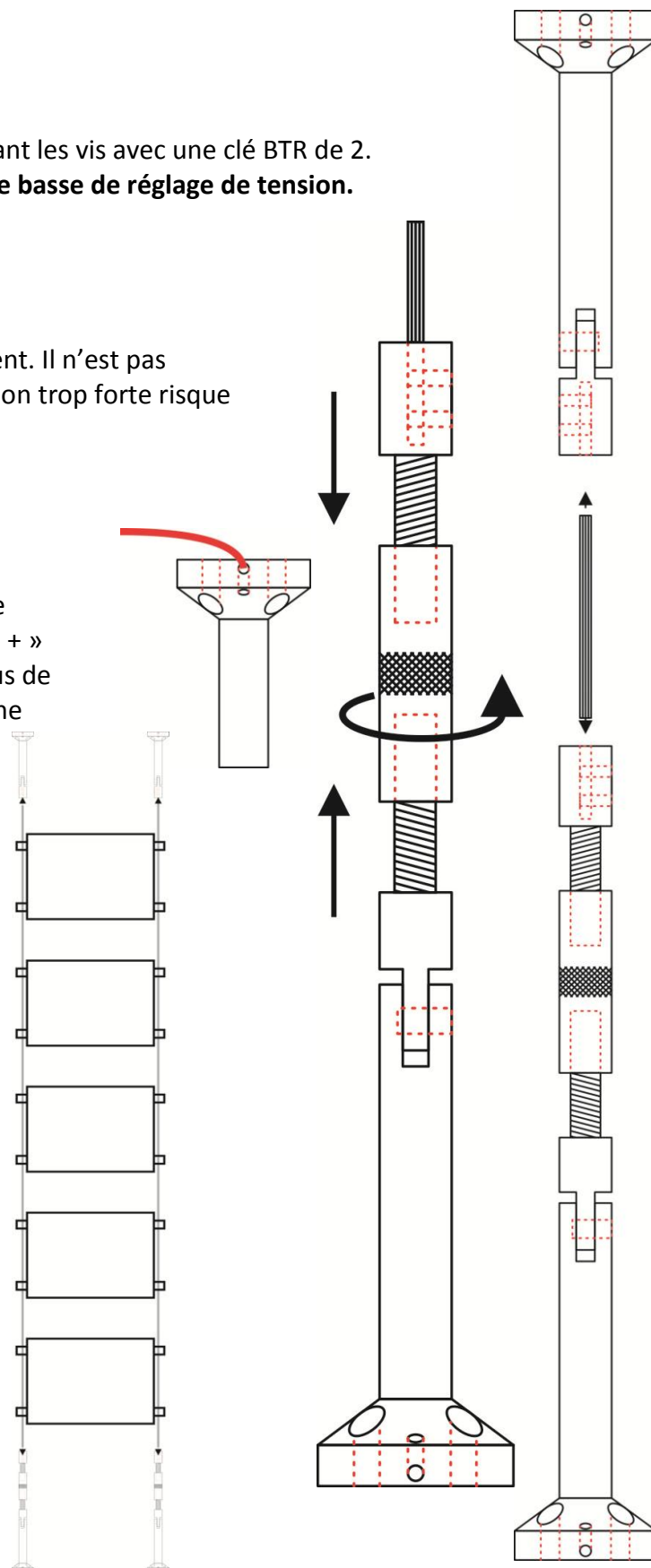
Enfiler le câble dans les potences et le bloquer en serrant les vis avec une clé BTR de 2.

**Attention, il faut impérativement desserrer la potence basse de réglage de tension.**

Serrer la potence basse de tension. Les câbles se tendent. Il n'est pas nécessaire de trop tendre les câbles. En effet une tension trop forte risque de déloger les câbles des potences.

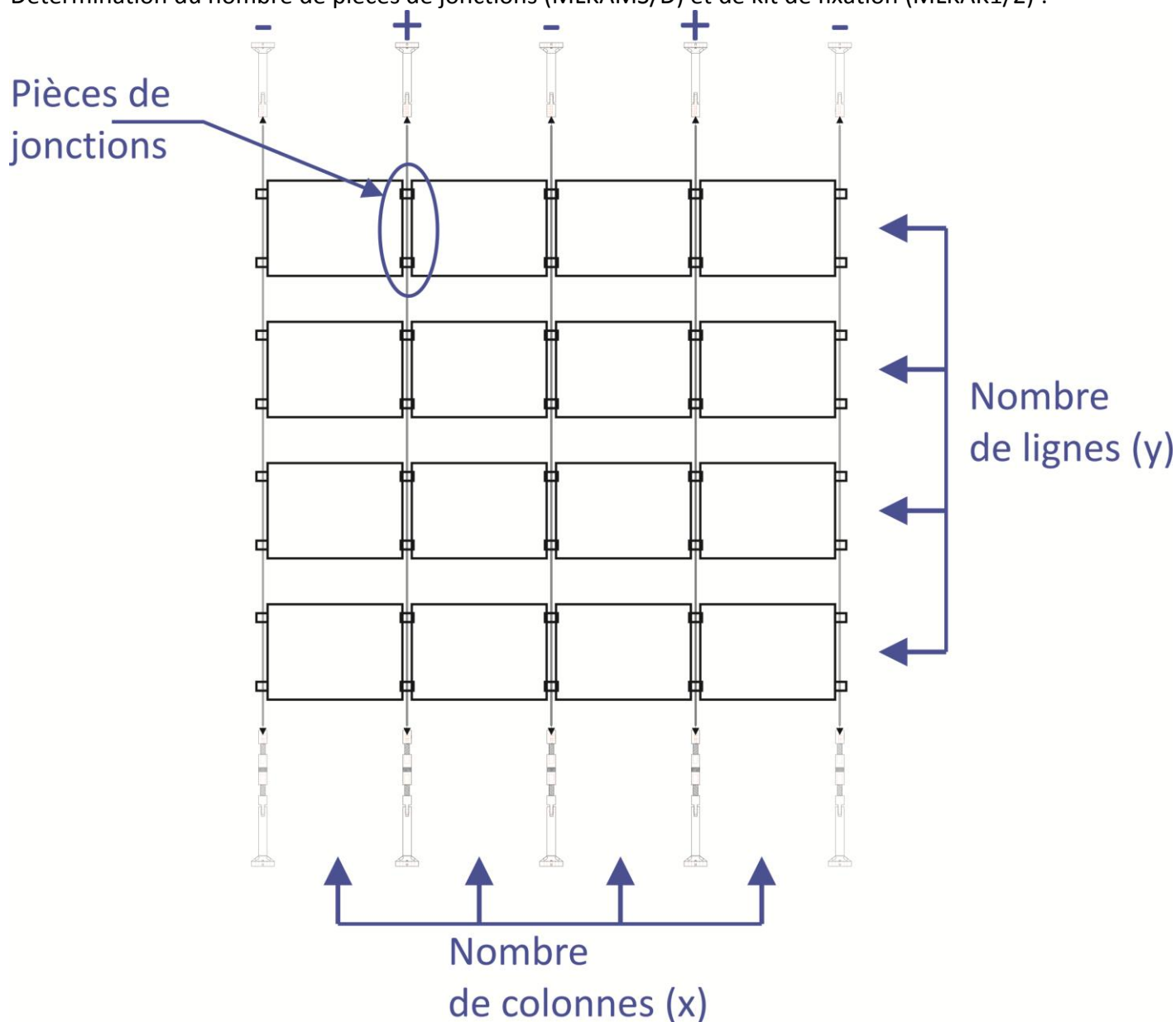
Connecter l'alimentation à la potence. Chaque colonne a une polarité. Il y a des repères sur le porte-affiche : « + » Pour le 12V et « - » pour le 0V. Il ne peut pas y avoir plus de 10m de câble entre l'alimentation et la dernière colonne de porte-affiches à alimenter.

Il est possible de mettre 5 porte affiches A4 maximum par colonne et 4 porte affiches A3 maximum par colonne. Les porte-affiches doivent être placés 1 par 1. Une clé BTR de 3 sera requise. La connexion de l'alimentation au porte affiche se fera lorsque les vis de fixation du porte-affiche seront serrées.



## Porte-affiches suspendus multicolones :

Détermination du nombre de pièces de jonctions (MLKAMS/D) et de kit de fixation (MLKAK1/2) :



Utiliser la formule  $2y(x-1)$  donnera le nombre de pièces de jonctions dont on a besoin,  $x$  = Nbre de colonnes et  $y$  = Nbre de lignes.

Par exemple :

Sur le schéma ci-dessus nous avons 4 colonnes ( $X=4$ ) et 4 lignes ( $Y=4$ ) donc :

$$2 \times 4 \times (4-1) = 24$$

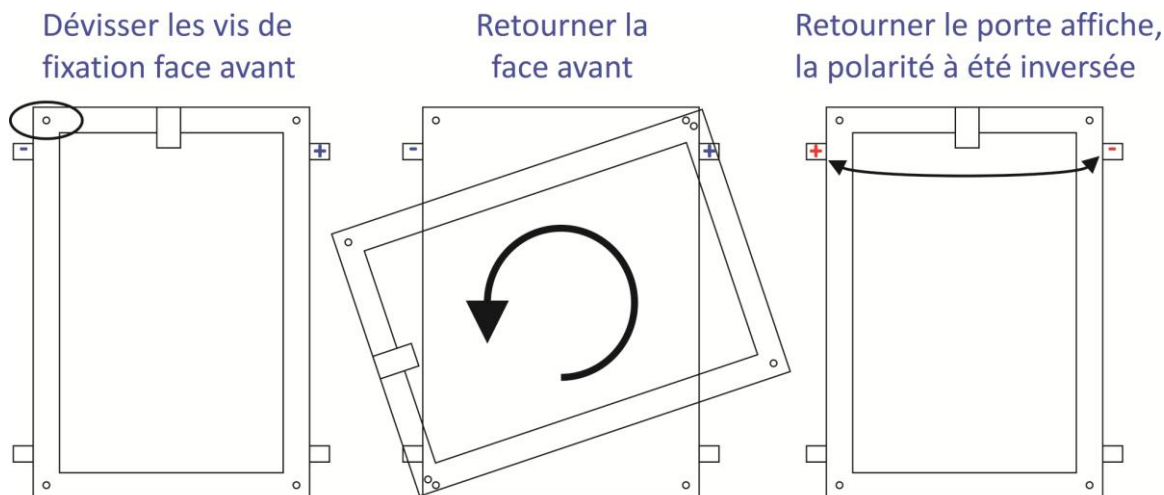
Il nous faudra donc 24 pièces de jonctions pour ce montage.

Pour déterminer le nombre de kits il suffit de compter le nombre de lignes de potences. Dans notre cas, il y a 5 lignes de potences. Il faudra donc 2 kits MLKAK2 et 1 kit MKAK1.

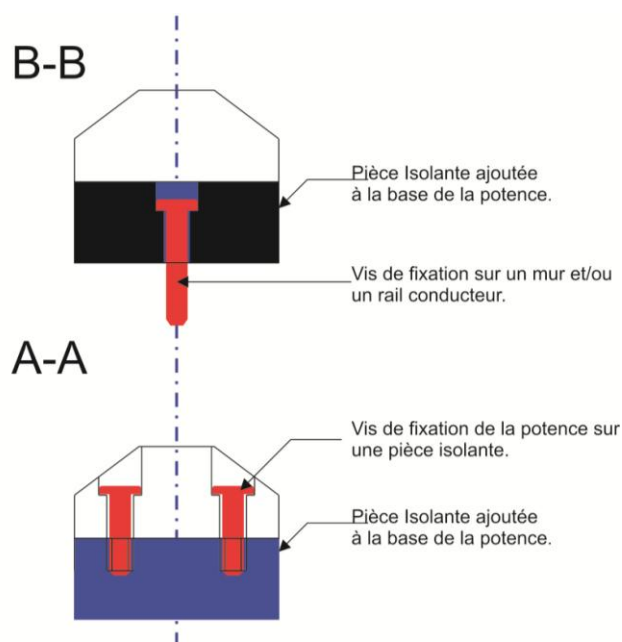


## MISE EN ŒUVRE

Il faut déjà vérifier la polarité des porte-affiches. Si ce sont des porte-affiches simple face :



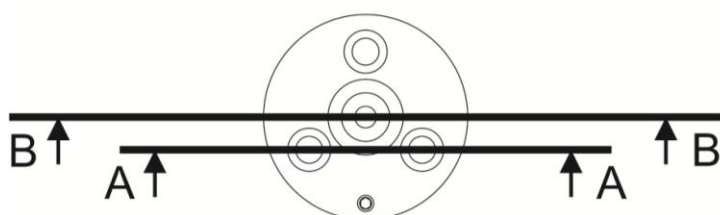
Changement de polarité des porte-affiches simple face



Pour les porte-affiches double face, il suffit de les retourner, de mettre le recto à la place du verso pour échanger la polarité. Il faut suivre la procédure de montage du mono colonne.

**Attention à ne pas soutenir le poids des portes affiches par une seule potence !**

**Dans le cas où les potences sont fixées sur un rail conducteur, il faut impérativement isoler électriquement les potences les une des autres sous peine de court circuit.**





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PORTE-AFFICHES CRISTAL 24V

MLJCRx24



## Test Report

No. AJD201102564

Date: JUN.22, 2011

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**SHANGHAI RAY CHUNG ACRYLIC INDUSTRY CO., LTD**  
NO.767, XINDA ROAD, QINGPU, SHANGHAI, CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

**Sample Description:** CAST ACRYLIC SHEET DIFFUSER BOARD WHITE

**Supplier:** RAY CHUNG

**Manufacture:** RAY CHUNG

**Country of Origin:** CHINA

**Test Requested:**

NF P 92-507:2004 Fire safety-building-interior fitting materials-Classification according to their reaction to fire

**Test Results:** -- See attached sheet --

**Conclusion:**

**Classification: M3**

Note: The classes with their corresponding fire performance are given in Annex I.

**Test Period:**

Sample Receiving Date : JUN.15, 2011  
Test Performing Date : JUN.15, 2011 TO JUN.21, 2011

Signed for and on behalf of  
SGS-CSTC Co., Ltd.

  
Allen Zou  
Technical Supervisor

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### I. Test conducted

This test was conducted according to NF P 92-507:2004 Fire safety-building-interior fitting materials - Classification according to their reaction. And the test methods as following:

NF P92-501:1995 Safety against fire - Building materials - Reaction to fire tests - Radiation test used for rigid materials, or for materials on rigid substrates (flooring and finishes) of all thicknesses, and for flexible materials thicker than 5 mm

### II. Details of classified product

The details of the tested specimen given below have been prepared from information provided by the sponsor of the test. All values quoted are nominal, unless tolerances are given.

Color	White
Size of sample	Length 400mm, Wide 300mm
Thickness (mm)	About 29mm

### III. Conditioning

Prior to testing, the sample was conditioned,

In an atmosphere having a temperature of 23±2°C and a relative humidity of 50±5% until constant mass is obtained. The mass is considered as constant when two successive weightings 24 hours apart do not differ by more than 0.1% or 0.1 g (take the highest mass value).

To be continued....

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### IV. Test results

#### NF P92-501:1995 Test by Radiation

	Specimen 1	Specimen 2	Specimen 3	Specimen 4	AVE
Time of ignited exposed face (t1) (seconds)	196	198	192	195	
Time of ignited unexposed face (t2) (seconds)	634	621	638	640	
Sum of the height of the flame $\sum h$ (cm)	2407	2341	2308	2265	
Sum of the duration of flaming combustion, $\Delta T$	1004	1002	1008	1005	
$q = \frac{100 \sum h}{t_i \sqrt{\Delta T}}$	38.8	37.4	37.9	36.6	37.7
Flaming molten droplets (Yes/No)	No	No	No	No	
Non-flaming molten droplets (Yes/No)	No	No	No	No	

#### Note:

- t<sub>1</sub>: Time for the test piece to ignite on exposed face after it has been placed in the cabinet;
- t<sub>2</sub>: Time for the test piece to ignite on the unexposed face after it has been placed in the cabinet;
- t<sub>i</sub>: Time for the test piece to ignite after it has been placed in the cabinet;
- $\sum h$ : Is the sum of the maximum height of the flames (h) reached in every 30 second period (in centimeters) during each test;
- $\Delta T$ : The total duration of flaming combustion above the top of the radiator (it is calculated whether either one or both faces of the specimen flame);
- q: Is the classification index obtained from the data derived from each test.

#### Statement:

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

The test results relate only to the specimens of the product in the form in which were tested. Small differences in the composition or thickness of the product may significantly affect the performance during the test and may therefore invalidate the test results. Care should be taken to ensure that any product, which is supplied or used, is fully represented by the specimens, which were tested.

To be continued....

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### Annex I, Requirements

Table 2 Resume of classification for the rigid materials and flexible materials which thickness more than 5mm

<u>Radiation Test</u> <sup>c)</sup>		Flame Spread		PCS	
Requirement		<2 mm/s	>2 mm/s	<2.5 MJ/kg	>2.5 MJ/kg
No Effective Inflammation	M0			M0 <sup>a)</sup>	M1
q<2.5 <sup>b)</sup>	M1				
q<15	M2				
q<50	M3				
q ≥50		M4	NC		

<sup>a)</sup> For the classification M0 of multilayer materials and painted inert materials, refer to clause 3.3.2, 3.3.3, 3.3.4 and appendix C.

<sup>b)</sup> The meanings of the index q refer to clause 3.2.3.4 of NF P 92-507:2004.

<sup>c)</sup> If the materials presented a particular behaviour, the classification also needs to refer to Table 3.

Table 3 Resume of classification for the materials presented a particular behaviour

Test Items	Criteria of classification				
<u>Test for hot melt materials</u>		Not ignite the wadding	Not ignite the wadding	Ignite the wadding	Ignite the wadding
<u>Flame Persistence Test</u>	No drops	Non-flaming molten droplets	Flaming drops or debris	Non-flaming molten droplets	Flaming drops or debris
Flame persistence time ≤ 2s	M1	M1	M2	M4	M4
Flame persistence time ≤ 5s	M2	M2	M3	M4	M4
Flame persistence time > 5s and Flame Spread < 2 mm/s	M3	M3	M4	M4	M4

To be continued....

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PORTE-AFFICHES CRISTAL 24V

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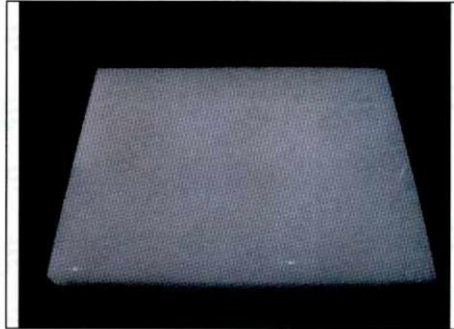
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### Photo Appendix:



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