



### ■ Avantages

Modules de jonction légers et compacts.

### ■ Marchés & Programmes

- L'aéronautique, le spatial et les industries connexes.

### ■ Caractéristiques techniques

Normes EN 3708 et NSA 937901

Rail de montage	: Alliage d'aluminium anodisé jaune ou noir (version allégée disponible)
Etrier de maintien	: Acier inoxydable
Module	: Boîtier en résine thermodurcissable avec clips plastiques ou métalliques
Contacts	: Mâle, à sertir suivant norme EN 3155-016.

### ■ Caractéristiques climatiques

Étanchéité	: Version étanche, résistance aux fluides, version non étanche, élastomère de silicone fluoré.
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### ■ Advantages

Light and compact junction modules.

### ■ Markets & Programs

- Aeronautic, spatial and industries.

### ■ Technical characteristics

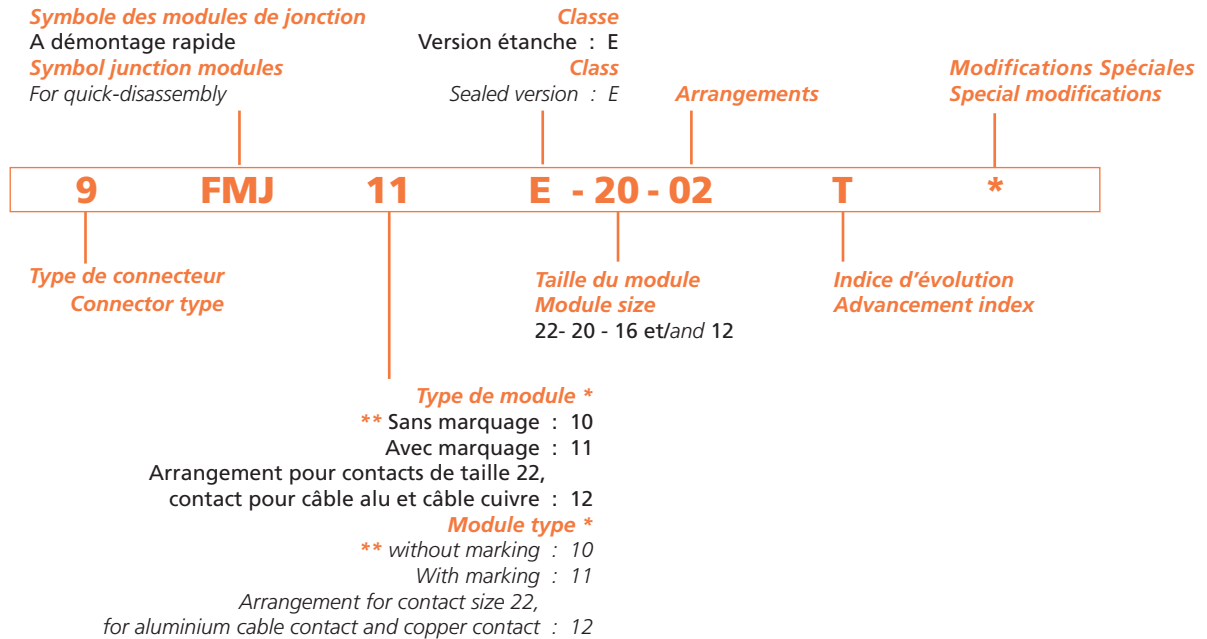
Normes EN 3708 and NSA 937901

Rail	: Yellow and black anodized aluminum alloy (light version available)
Bracket	: Stainless steel
Module	: Thermosetting resin shell with plastic or metallic clips
Contacts	: Male, crimp type, in accordance with EN 3155-016.

### ■ Climatical characteristics

Sealing	: Sealed version, fluides resistance unsealed version, fluoro silicone elastomer.
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## ■ Système de référence des modules / Modules part-numbering system

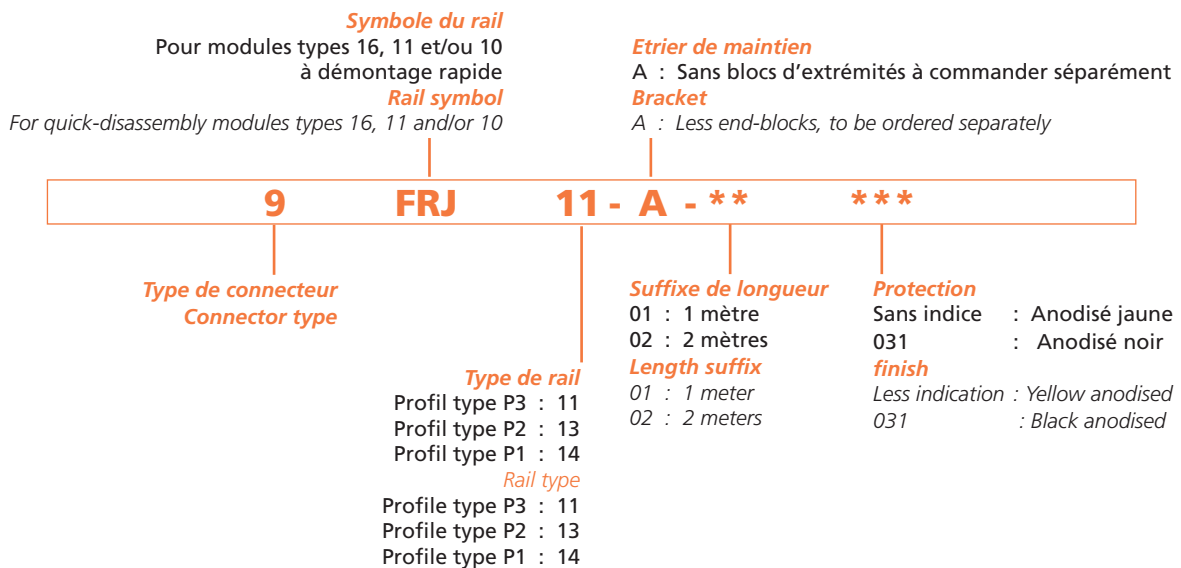


\* Les contacts ne sont pas livrés avec les modules, les commander séparément. Contacts not supplied with modules, to be ordered separately

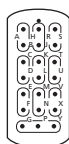
\*\* Pour les modules de type 10 livrés sans marquage, commander séparément les plaquettes de repérage. For modules supplied without marking (type 10), order the label spacers separately.

Système de référence EN 3708, voir norme. Part-numbering EN 3708, see standard.

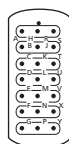
## ■ Système de référence des rails / Rails part-numbering system



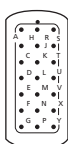
*Vu face avant isolant mâle / Male insert viewed from front face.*



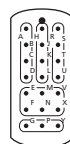
**Disposition 22-01**  
1 circuit de/bus of 3 contacts  
9 circuits de/bus of 2 contacts  
taille /size 22



**Disposition 22-02**  
7 circuits de/bus of 3 contacts  
taille /size 22



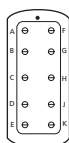
**Disposition 22-03**  
1 circuits de/bus of 21 contacts  
taille /size 22



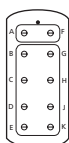
**Disposition 22-04**  
1 circuit de/bus of 3 contacts  
1 circuits de/bus of 6 contacts  
3 circuits de/bus of 4 contacts  
taille /size 22



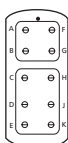
**Disposition 20-01**  
5 circuits de/bus of 2 contacts  
taille /size 22



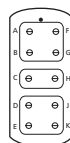
**Disposition 20-02**  
1 circuit de/bus of 10 contacts  
taille /size 20



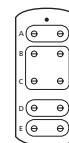
**Disposition 20-03**  
1 circuit de/bus of 2 contacts  
1 circuit de/bus of 8 contacts  
taille /size 20



**Disposition 20-04**  
1 circuit de/bus of 4 contacts  
1 circuits de/bus of 6 contacts  
taille /size 20



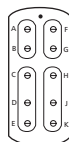
**Disposition 20-06**  
2 circuits de/bus of 4 contacts  
1 circuit de/bus of 2 contacts  
taille /size 20



**Disposition 20-07**  
3 circuits de/bus of 2 contacts  
1 circuits de/bus of 4 contacts  
taille /size 20



**Disposition 20-08**  
2 circuits de/bus of 5 contacts  
taille /size 20



**Disposition 20-09**  
2 circuits de/bus of 2 contacts  
2 circuits de/bus of 3 contacts  
taille /size 20



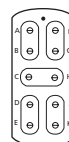
**Disposition 20-10**  
1 circuit de/bus of 2 contacts  
1 circuits de/bus of 3 contacts  
1 circuits de/bus of 5 contacts  
taille /size 20



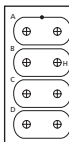
**Disposition 20-11**  
1 circuit de/bus of 4 contacts  
2 circuits de/bus of 3 contacts  
taille /size 20



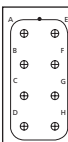
**Disposition 20-12-02**  
1 circuit de/bus of 8 contacts  
taille /size 20  
2 contacts taille/contacts size 12



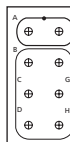
**Disposition 20-13**  
5 circuits de/bus of 2 contacts  
taille /size 20



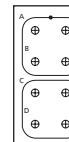
**Disposition 16-01**  
4 circuits de/bus of 2 contacts  
taille /size 16



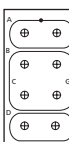
**Disposition 16-02**  
1 circuit de/bus of 8 contacts  
taille /size 16



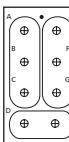
**Disposition 16-03**  
1 circuit de/bus of 2 contacts  
1 circuit de/bus of 6 contacts  
taille /size 16



**Disposition 16-04**  
2 circuits de/bus of 4 contacts  
taille /size 16



**Disposition 16-05**  
2 circuit de/bus of 2 contacts  
1 circuit de/bus of 4 contacts  
taille /size 16



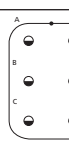
**Disposition 16-06**  
2 circuits de/bus of 3 contacts  
1 circuit de/bus of 2 contacts  
taille /size 16



**Disposition 16-08**  
2 circuits de/bus of 4 contacts  
taille /size 16



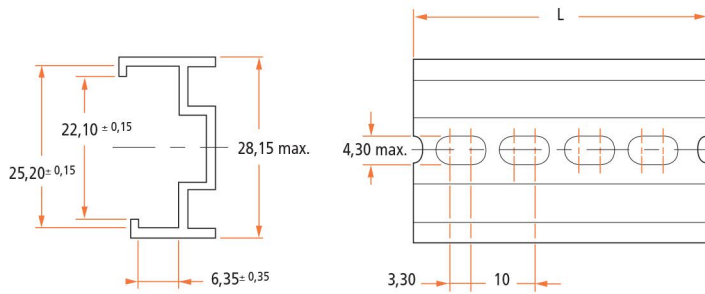
**Disposition 12-01**  
3 circuits de/bus of 2 contacts  
taille /size 12



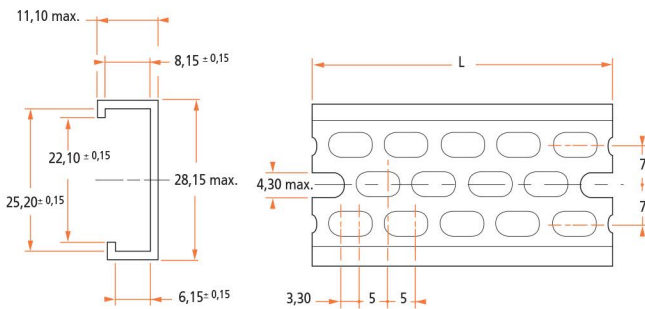
**Disposition 12-02**  
1 circuit de/bus of 6 contacts  
taille /size 12

**Principe d'extraction et d'insertion / Insertion and extraction principle**

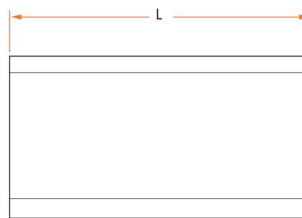
Type 11-A



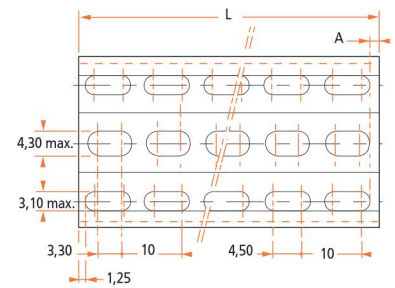
Type 13-A



TYPE 14-A



TYPE 16-A



Référence des rails Rails part-number				L ± 1 mm	A
FRJ 11-A-01	FRJ 13-A-01	FRJ 14-A-01	FRJ 16-A-01	1000	1,15
FRJ 11-A-00	FRJ 13-A-00	FRJ 14-A-00	FRJ 16-A-00	2000	1,15

**Principe d'extraction et d'insertion / Insertion and extraction principle**

**Des modules dans le rail / Modules in the rail**

