



### ■ Avantages

Pour environnement mécanique et climatique sévère.

### ■ Marchés & Programmes

- La marine (ponts, extérieurs de bâtiments, plate-forme).

### ■ Caractéristiques techniques

Boîtier	Étanche	: Bronze "Marine" UA9 NFe
	Hermétique:	Acier inoxydable, Anti-couple, finition étamage
Isolant	Étanche	: Résine thermodurcissable, élastomère de silicone
	Tenue	: 60 à 1000 bars selon type
Contact	Étanche	: A sertir, doré sur nickel
	Hermétique:	A souder, doré selon MIL-C 45204
Endurance		: 500 cycles complets de verrouillage et déverrouillage

### ■ Caractéristiques climatiques

Température d'utilisation:	: - 55° C à + 125° C
Choc thermique	: 5 cycles de - 55° C à + 125° C
Étanchéité	: Fuite inférieure à 16 cm <sup>3</sup> /h sous 2,1 bar de pression (connecteur verrouillé).

### ■ Caractéristiques électriques

Intensité par contact	: De 7,5 A. à 46 A. max.
Section câble admissible:	0,22 mm <sup>2</sup> à 8,98 mm <sup>2</sup>
Tension de tenue	: Au niveau de la mer
	Service 1 - 1500 V eff. 50 Hz
	Service 2 - 2300 V eff. 50 Hz
Tension d'utilisation	: Service 1 - 600 V eff. 50 Hz
	Service 2 - 1000 V eff. 50 Hz
Résistance d'isolement :	≥ à 5000 MΩ à 25° C et 65 % HR

### ■ Advantages

For harsh climatic and mechanic environment.

### ■ Markets & Programs

- Marine (Decks, outside ship, off-shore platform).

### ■ Technical characteristics

Shell	Sealing	: Marine bronze UA9 NFE
	Hermetic	: Stainless steel, Anti-couple, tin finish
Insert	Sealing	: Thermosetting resin, silicone elastomer
	Resistance	: 60 to 1000 bars following type
Contact	Sealing	: Crimp type, gold over nickel
	Hermetic	: Soldered type, gold as per MIL-C 45 204
durability		: 500 mating and unmating operations

### ■ Climatical characteristics

Temperature range	: - 55° C to + 125° C
Thermal shock	: 5 cycles from to -55° C to + 125° C
Sealing	: Less than 16cm <sup>3</sup> /hour under a 2,1 bar differential pressure

### ■ Electrical characteristics

Maximum current	: 7,5 A. to 46 A.
Allowed wire cross section:	0,22 mm <sup>2</sup> to 10 mm <sup>2</sup>
Withstanding voltage	: At sea level
	Service 1 - 1500 V eff. 50 Hz
	Service 2 - 1000 V eff. 50 Hz
Working voltage	: Service 1 - 600 V eff. 50 Hz
	Service 2 - 1000 V eff. 50 Hz
Insulation resistance	: ≥ at 5000 MΩ to 25° C and 65 % HR

### Type de raccord

- Ecrou simple : A
- Reprise de tresse armure droite pour coiffe surmoulée : RM
- Reprise de tresse armure coudée pour coiffe surmoulée : CM
- Reprise de tresse simple droite pour coiffe thermorétractable : RE
- Reprise de tresse simple coudée pour coiffe thermorétractable : CE

### Shell type

- Nut : A
- Straight armor braid overall termination for overmoulding sleeve : RM
- Elbowed armor braid overall termination for overmoulding sleeve : CM
- Straight shield accessory for thermo-shrink sleeve : RE
- Elbowed shield accessory for thermo-shrink sleeve : CE

### Indice pour contacts Index for contacts

Type de contact Contact type	Indice Index
Taille / Size 20 - 16 - 12 - coax standard	Sans/Without
Coax selon câble utilisé Coax according to used cable	1 - 5 - F1 - F5 - F6 - T1 - T2
Taille / Size 8, à souder/solder type	8
Taille / Size 8 à sertir (câble taille/size 10)	87
taille / Size 8 à sertir (câble taille/size 8)	88

### Modifications spéciales

- 090 : Connecteur livré sans contact
  - 1 A : Connecteur livré sans écrou arrière
- Special modifications**  
090 : Connector less contact  
1 A : Connector less backshell

### Type de connecteur Connector type

### Taille du boîtier shell size

07 - 12 - 19 - 27 - 37 - 61

### Type de contact

- P : Contact mâle
- S : Contact femelle

### Contact type

- P : Male contact
- S : Female contact

**941 - 20 RE 1 - 19 2 P N 1 T \*\*\***

### Type de boîtier

- Fiche : 20
- Embase fixation par écrou avec ergot anti-rotation : 21
- Embase fixation par 4 vis : 92
- Embase hermétique fixation par écrou avec ergo anti-rotation : H 21
- Traversée de cloison fixation par écrou avec ergo anti-rotation : H 41

### Shell type

- Plug : 20
- Single hole mounting receptacle with effective lock washer : 21
- 4 screws round nut box mounting : 92
- 4 holes mounting receptacle with effective lock washer : H 21
- TBF single hole mounting with effective lock washer : H 41

### Arrangements

### Détrompage angulaire de la clé principale

- N : Normal
- Key orientation of man key**  
N : Normal

### Gaine thermorétractable

Pour obtenir une gaine thermorétractable, conforme à AGB / T 539, préciser l'indice T  
**Thermo-shrink sleeve**  
For a thermo-shrink sleeve in conformance with atAGB/T 538, specify index T

### Indice accessoire suivant Ø câble

Valable uniquement pour accessoires RG et CG

### Index for accessorie as per Ø cable

Only available for accessories, RG anc CG

Indice Index	Tailles boîtiers/Shell sizes							
	07	12	19	27	37	48	61	121
1	9 - 12,5	12,5 - 14,5	14,5 - 16,5	17 - 19	18,5 - 20,5	20,5 - 25	22 - 24	22 - 24
2	12,5 - 15	14,5 - 19	16,5 - 20	19 - 23	20,5 - 25	25 - 31	24 - 31	24 - 31
3	15 - 16,5		20 - 22	23 - 28	25 - 31		31 - 38,5	31 - 38

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



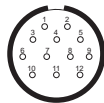
**Disposition 07-0**  
7 contacts size 20  
**A2**



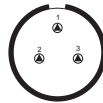
**Disposition 07-93**  
3 contacts size 16  
**A3**



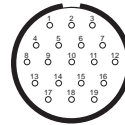
**Disposition 7-94**  
3 contacts size 16  
**A1**



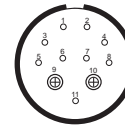
**Disposition 12-0**  
12 contacts size 20  
**B1**



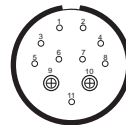
**Disposition 12-93**  
3 contacts size 12  
**B4**



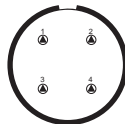
**Disposition 19-0**  
19 contacts size 20  
**C1**



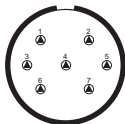
**Disposition 19-1** \*  
1 contacts size 8



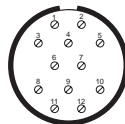
**Disposition 19-2**  
9 contacts size 20  
2 contacts size 8



**Disposition 19-4**  
4 contacts size 12



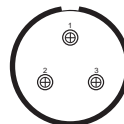
**Disposition 19-7**  
7 contacts size 12



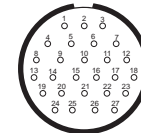
**Disposition 19-12**  
12 contacts size 16  
**C3**



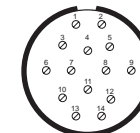
**Disposition 19-91**  
12 contacts size 20  
1 contacts size 8



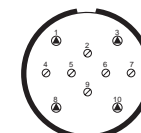
**Disposition 19-93**  
3 contacts size 8  
**C5 - Size 8**  
**C6 - 50 Ω**  
**C7 - 75 Ω**



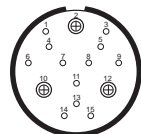
**Disposition 27-0**  
27 contacts size 20



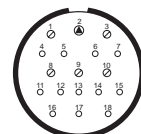
**Disposition 27-2**  
14 contacts size 16



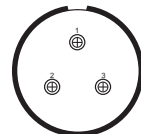
**Disposition 27-8** \*  
6 contacts size 16  
4 contacts size 12



**Disposition 27-13**  
12 contacts size 20  
3 contacts size 8



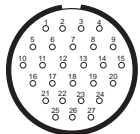
**Disposition 27-25** \*  
12 contacts size 20  
5 contacts size 16  
1 contacts size 12



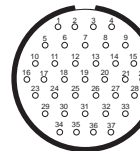
**Disposition 27-93** \*  
3 contacts size 8



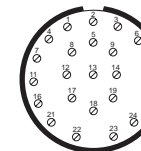
**Disposition 27-94** \*  
4 contacts size 8



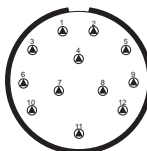
**Disposition 27-927**  
27 contacts size 20  
**D1**



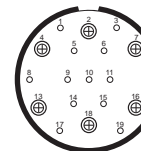
**Disposition 37-0**  
37 contacts size 20  
**E1**



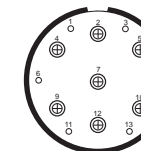
**Disposition 37-2**  
24 contacts size 16



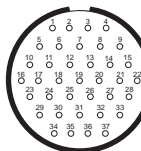
**Disposition 37-3**  
12 contacts size 12



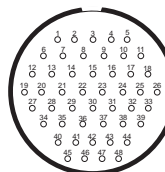
**Disposition 37-19**  
13 contacts size 20  
6 contacts size 8



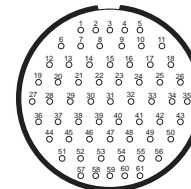
**Disposition 37-27**  
6 contacts size 20  
7 contacts size 8  
**E6 - 50 Ω**  
**E7 - 75 Ω**



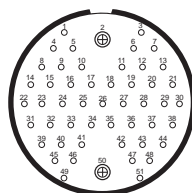
**Disposition 37-30** \*  
20 contacts size 20  
4 contacts size 8



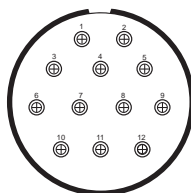
**Disposition 48-0** \*  
48 contacts size 20  
**F1**



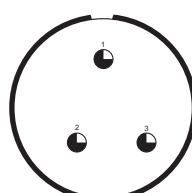
**Disposition 61-0**  
61 contacts size 20  
**G1**



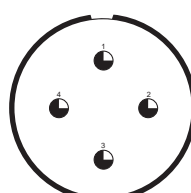
**Disposition 61-5**  
49 contacts size 20  
2 contacts size 8



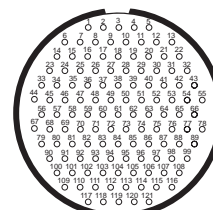
**Disposition 61-21**  
12 contacts size 8  
**G6 - 50 Ω**



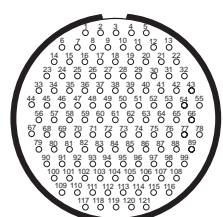
**Disposition 61-903** \*  
3 contacts size 4



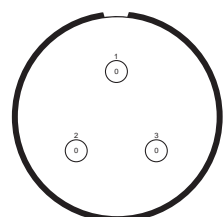
**Disposition 61-904** \*  
4 contacts size 4



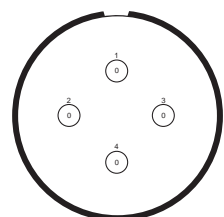
**Disposition 121-0** \*  
121 contacts size 20



**Disposition 121-91** \*  
91 contacts size 20



**Disposition 121-903** \*  
3 contacts size 0



**Disposition 121-904** \*  
4 contacts size 0

\* Non disponibles en hermétique, nous consulter. Not available in hermetic version, please consult us.

**A 2 à/at G6** : Correspondance à ST 538 AGB/IT. In accordance with ST 538 AGB/IT.

**Accessoires**  
Accessories

**Embases**  
Receptacles

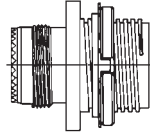
**Fiche**  
Plug

**Accessoires**  
Accessories

**A** Ecrou arrière  
Nut

**21** Colerette ronde fixation par écrou. Round nut box mounting

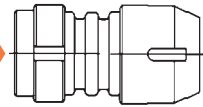
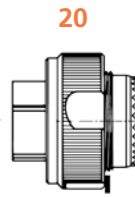
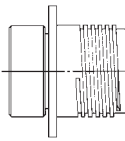
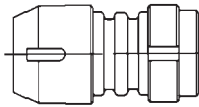
**A** Ecrou arrière  
Nut



**RM** Reprise de tresse droite et surmoulage  
Straight armor braid and overmoulding

**92** Colerette ronde fixation par 4 vis / 4 screws round nut box mounting

**RM** Reprise de tresse droite et surmoulage  
Straight armor braid and overmoulding

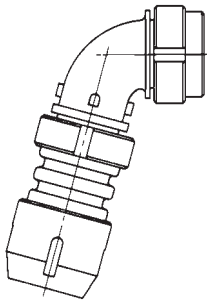


**CM** Reprise de tresse coudée et surmoulage  
Elbowed armor braid and overmoulding

**Embases hermétiques**  
Hermetical receptacles

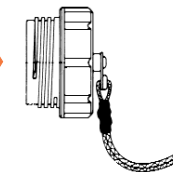
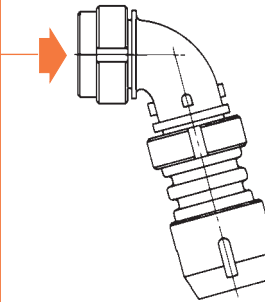
**Capuchon \***  
Sealing cap \*

**CM** Reprise de tresse coudée et surmoulage  
Elbowed armor braid and overmoulding

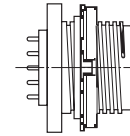


**H 21** Colerette ronde fixation écrou avec ergot anti-rotation / Single hole mounting receptacle with effective lock washer

Pour fiche  
For plug

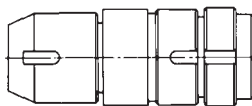


**RE** Reprise de tresse droite pour gaine thermorétractable. Straight armor braid for thermo-shrink sleeve



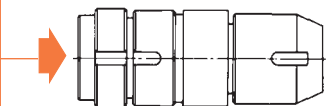
**Traversée de cloison hermétique**  
Hermetic TBF

**RE** Reprise de tresse droite pour gaine thermorétractable. Straight armor braid for thermo-shrink sleeve

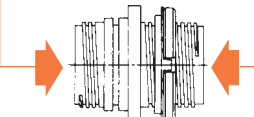
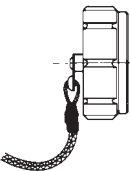


**Capuchon \***  
Sealing cap \*

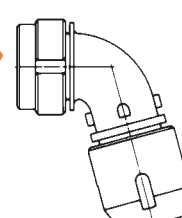
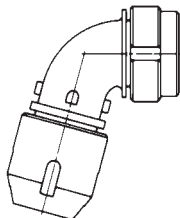
**H 41** Colerette ronde fixation écrou avec ergot anti-rotation / Single hole mounting receptacle with effective lock washer



**CE** Reprise de tresse coudée pour gaine thermorétractable. Elbowed armor braid for thermo-shrink sleeve



**CE** Reprise de tresse coudée pour gaine thermorétractable. Elbowed armor braid for thermo-shrink sleeve



\* Référence, nous consulter. Part-Number, consult us.