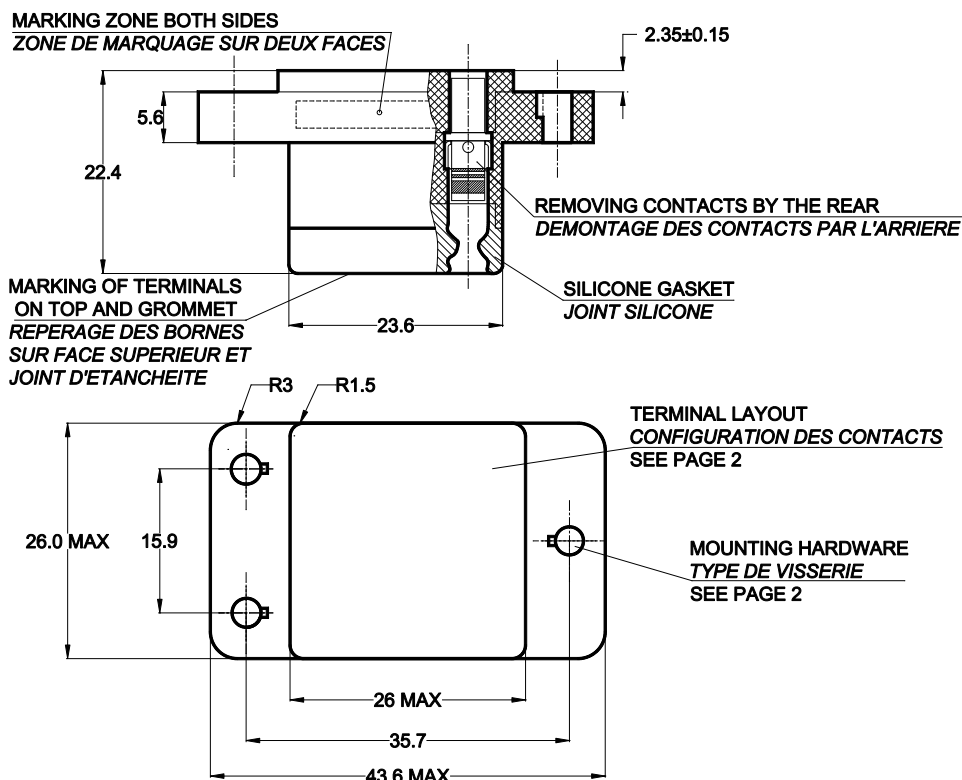




Applicable relays and sensors:

S400 for series M400 (DC Coil),
S401 for M401 (AC Coil),
S402 for M402 (DC Coil-latch),
S400, S402 for FLS402, T412,
S400, S402 for T441, VS400, CS400



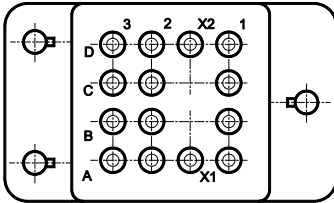
**GENERAL CHARACTERISTICS
CARACTERISTIQUES GENERALES**

Tooling #16 <i>Outils #16</i>	Crimp tool <i>Pince à sertir</i>	M22520/1-01 with turret M22520/1-02 (Blue)
	Insertion and extraction tool <i>Outil d'insertion et d'extraction</i>	M81969/14-03
Weight <i>Poids</i>		35g max
Temperature range <i>Température d'utilisation</i>		-70° C to +125° C
In accordance to <i>En accord selon</i>		MIL-DTL-12883/40
Contacts and hardware delivered in a separate plastic bag <i>Contacts et visserie livrés séparément dans un sachet plastique</i>		
Gasket sealed socket, crimp contacts <i>Socle étanche par joint silicone, contacts à sertir</i>		

**TERMINAL LAYOUT
TYPE DE SORTIE**

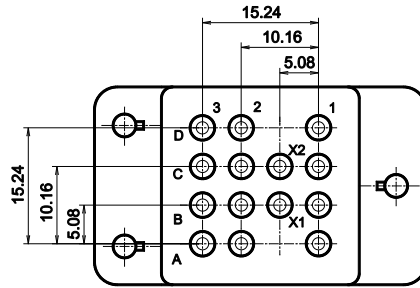
Dimensions in mm
Tolerances, unless otherwise specified, ± 0.25 mm

**Series S400
Code A**



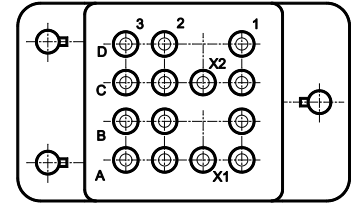
Applicable to M400 / T412

**Series S401
Code B**



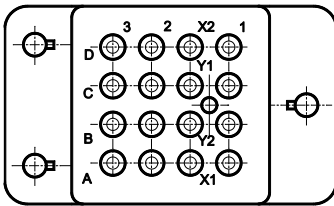
Applicable to CS400 /
M401 Coil F and K

**Series S401
Code C**



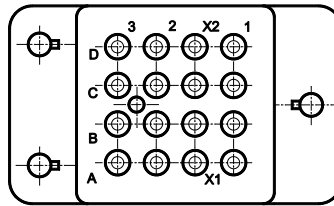
Applicable to M401
Coil E and J

**Series S402
Code D**



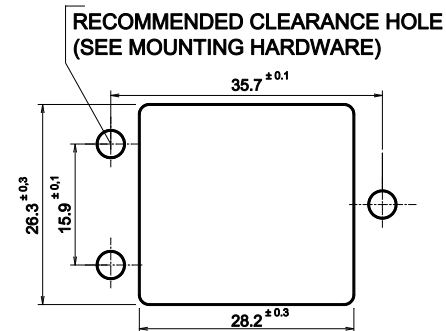
Applicable to
M402 / FLS402 / VS400 / T441

**Series S402
Code E**



Applicable to FD400

**MOUNTING HOLE LAYOUT
DECOUPE DE LA STRUCTURE**



**MOUNTING HARDWARE
TYPE DE VISSERIE**

CODE 1 UNIFIED HARDWARE 05 284 12 PANEL MOUNT. HOLE: Ø 5,3 mm APPLICABLE TORQUE: 4-40 NUT 0,45±0,1 Nm 10-32 NUT 1,2±0,1 Nm	CODE 2 METRIC HARDWARE 05 284 00 PANEL MOUNT. HOLE: Ø 3,5 mm APPLICABLE TORQUE: M3 NUT-0,45 ±0,1 Nm	CODE 3 METRIC HARDWARE 05 284 07 PANEL MOUNT. HOLE: Ø 3,6 mm APPLICABLE TORQUE: M3 NUT-0,45 ±0,1 Nm
CODE 4 WITHOUT HARDWARE SOCKET BODY : SOCKET MOUNT. HOLE Ø 2,9 mm (for 4-40 UNC HARDWARE)	CODE 6 UNIFIED HARDWARE LOOSE STUDS 05 284 13 PANEL MOUNT. HOLE: Ø 3,5 mm APPLICABLE TORQUE: 0,45 ±0,1 Nm BOTTOM MOUNT. TOP MOUNT.	CODE 7 METRIC HARDWARE 05 284 15 PANEL MOUNT. HOLE Ø 3,5 mm APPLICABLE TORQUE: 0,45 ±0,1 Nm LOOSE STUDS-M3
CODE 8 UNIFIED HARDWARE. PER MIL-S-12 883/41 MIL-S-12 883/40 05 284 20 PANEL MOUNT. HOLE: BOTTOM MOUNT. : Ø5,3mm TOP MOUNT. : Ø3,5mm APPLICABLE TORQUE: 4-40 NUT 0,45 ±0,1 Nm 10-32 NUT 1,2 ±0,1 Nm LOOSE STUDS BOTTOM MOUNT. TOP MOUNT.	CODE 9 UNIFIED HARDWARE HARDW. PER MIL-S-12 883/40 MIL-S-12 883/41 05 284 21 PANEL MOUNT. HOLE: BOTTOM MOUNT. : Ø5,3mm TOP MOUNT. : Ø3,5mm APPLICABLE TORQUE: 4-40 NUT 0,45 ±0,1 Nm 10-32 NUT 2,0 ±0,1 Nm FIXED STUDS BOTTOM MOUNT. TOP MOUNT.	CODE 10 UNIFIED HARDWARE 05 284 16 PANEL MOUNT. HOLE Ø 3,5 mm APPLICABLE TORQUE: 0,45 ±0,1 Nm LOOSE STUDS
CODE 11 METRIC HARDWARE 05 284 26 PANEL MOUNT. HOLE Ø 3,5 mm APPLICABLE TORQUE: 0,45 ±0,1 Nm FIXED STUDS		

GROMMET TYPE

TYPE DE JOINT D'ÉTANCHEITE

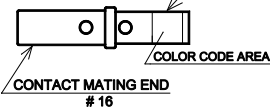
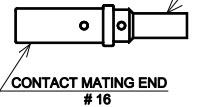
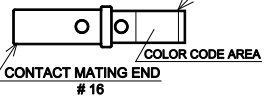
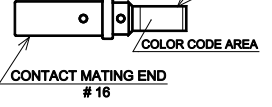
Wire sealing: A silicone grommet is permanently bonded to the wire entry face of the socket so as to provide sealing capabilities for AWG size 16, 18 and 20 or 20, 22 and 24 wire as applicable.

Étanchéité du fil : Un joint silicone fait partie intégrante du socle et permet de garantir une étanchéité des fils de AWG 16, 18 et 20 ou 20, 22 et 24.

External wire diameter / Diamètre extérieur du Fil	CODE A Recommended for contact Code 2 and 8	CODE B Recommended for contact Code 3 and 9
	Dimensions in mm	Dimensions in mm
Main contacts	1.2 to 2.4	0.8 to 1.6
X1-X2 Contacts	1.2 to 2.4	0.8 to 1.6
Y1-Y2 Contacts (S402)	1.2 to 2.4	0.8 to 1.6

CONTACT SIZE AND STYLE

TAILLE ET STYLE DE CONTACTS

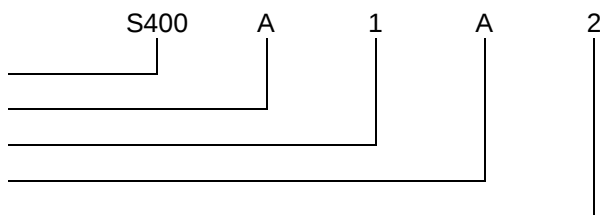
CODE 0 WITHOUT CONTACTS			
CODE 2	CODE 3	CODE 8	CODE 9
05 911 00 MAIN CONTACTS CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20 	05 911 10 MAIN CONTACTS CRIMP END TO ACCOMODATE WIRE # 20 - 22 - 24 	30 315 00 MAIN CONTACTS (MIL-C-39029/92-533) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20 	31 315 10 MAIN CONTACTS (MIL-C-39029/92-534) CRIMP END TO ACCOMODATE WIRE # 20 - 22 - 24 

SOCKET NUMBERING SYSTEM

SYSTEME DE REFERENCES

Basic series designation | Référence de base

1. Terminal layout | Type de sorties
2. Mounting hardware | Type de visserie
3. Grommet type | Type de joint d'étanchéité
4. Contact size and style | Taille et style de contact



Exemple : S400-A1A2

**MS/LEACH CROSS PART NO.
CORRESPONDANCE MIL/LEACH**

	MS - Number	LEACH P/N	CONTACTS TYPE	HARDWARE
MIL-DTL-12883/40	13S	S400-A8A8	14 x M39029/92-533	Loose Stud
	14S	S401-B8A8	14 x M39029/92-533	Loose Stud
	17S	S400-A8B9	14 x M39029/92-534	Loose Stud
	18S	S402-D8A8	16 x M39029/92-533	Loose Stud
	19S	S400-A9A8	14 x M39029/92-533	Fixed Stud
	20S	S401-B9A8	14 x M39029/92-533	Fixed Stud
	23S	S400-A9B9	14 x M39029/92-534	Fixed Stud
	24S	S402-D9A8	16 x M39029/92-533	Fixed Stud

**NOTES
REMARQUES**

- Qualification and quality levels : Contact the factory**
Niveaux de qualification et de qualité : Nous consulter.