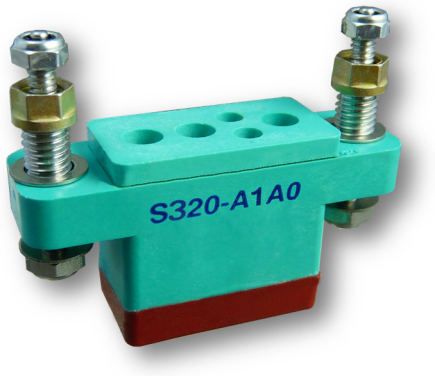
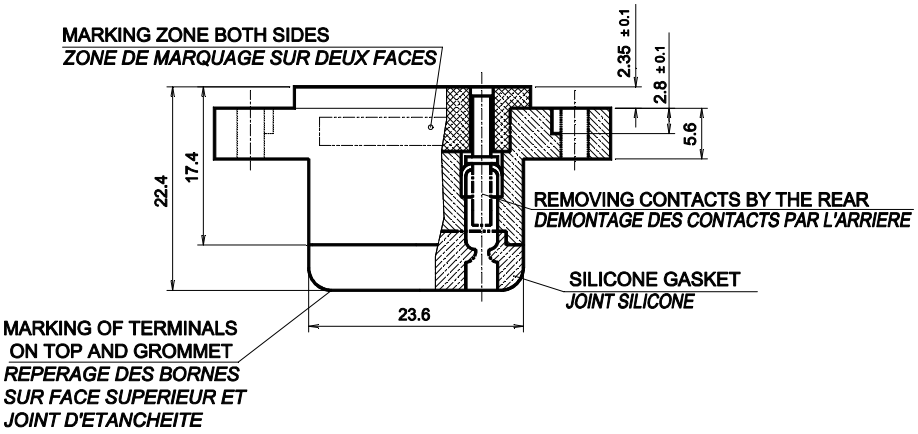
Esterline
Power Systems
Featuring LEACH® Products

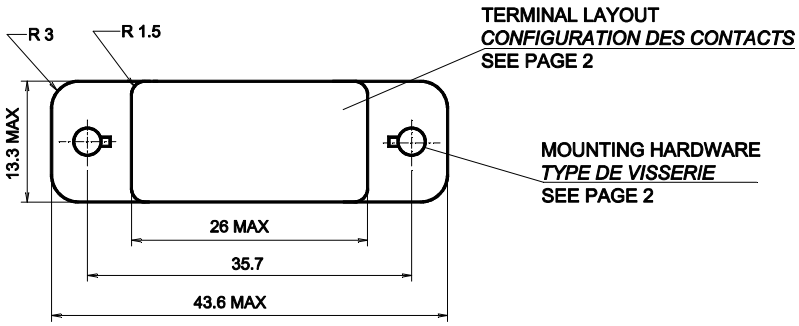
S320

RELAY SOCKET CRIMP CONTACTS, 25 AMPS
SOCLE A SERTIR POUR RELAIS 25 A





Applicable relays:
Series M320



GENERAL CHARACTERISTICS
CARACTERISTIQUES GENERALES

Tooling #12 *Outillage #12*	**Crimp tool** *Pince à sertir*	M22520/1-01 with turret M22520/1-02 (Yellow)
	Insertion and extraction tool *Outil d'insertion et d'extraction*	M81969/14-04
Tooling #16 *Outillage #16*	**Crimp tool** *Pince à sertir*	M22520/1-01 with turret M22520/1-02 (Blue)
	Insertion and extraction tool *Outil d'insertion et d'extraction*	M81969/14-03
Weight *Poids*		25g max
Temperature range *Température d'utilisation*		-70° C to +125° C
In accordance to *En accord selon*		MIL-DTL-12883/55
Contacts and hardware delivered in a separate plastic bag *Contacts et visserie livrés séparément dans un sachet plastique*		
Gasket sealed socket, crimp contacts *Socle étanche par joint silicone, contacts à sertir*		

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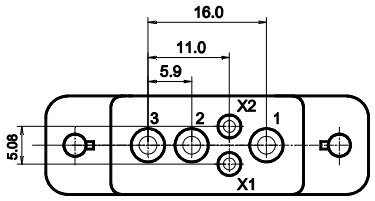
S320
RELAY SOCKET CRIMP CONTACTS, 25 AMPS
SOCLE A SERTIR POUR RELAIS 25 A

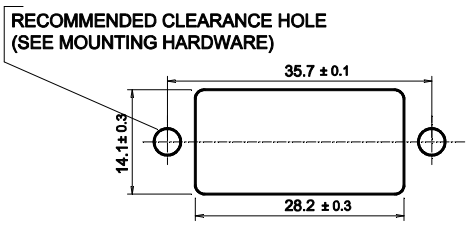
Dimensions in mm
Tolerances, unless otherwise specified, ±0.25mm

TERMINAL LAYOUT
TYPE DE SORTIE

Series S320
Code A

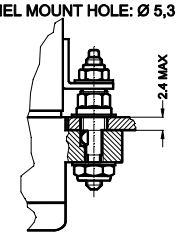


MOUNTING HOLE LAYOUT
DECOUPE DE LA STRUCTURE



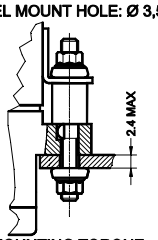
MOUNTING HARDWARE
TYPE DE VISSERIE

CODE 1 : 05 284 12
LOOSE STUD
UNC HARDWARE
PANEL MOUNT HOLE: Ø 5,3



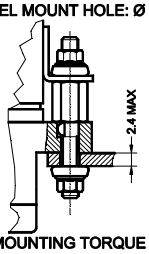
MOUNTING TORQUE
112-40: 0.45 Nm
190-32: 1.2 Nm

CODE 2 : 05 284 00
LOOSE STUD
METRIC HARDWARE
PANEL MOUNT HOLE: Ø 3,5



MOUNTING TORQUE
M3: 0.45 Nm

CODE 3 : 05 284 07
LOOSE STUD
METRIC HARDWARE
PANEL MOUNT HOLE: Ø 3,5

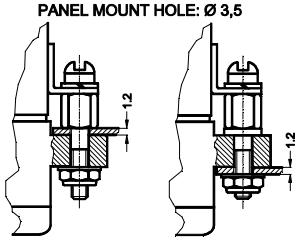


MOUNTING TORQUE
M3: 0.45 Nm

CODE 4
WITHOUT HARDWARE
HOLE DIAM 2.9 mm
FOR 112-40 SCREW

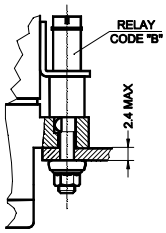
CODE 5
WITHOUT HARDWARE
HOLE DIAM 3.1 mm
FOR M3 SCREW

CODE 6 : 05 284 13
LOOSE STUD - UNC HARDWARE
PANEL MOUNT HOLE: Ø 3,5



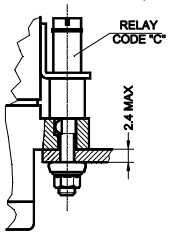
MOUNTING TORQUE
112-40: 0.45 Nm

CODE 7 : 05 284 15
LOOSE STUD METRIC HARDWARE
PANEL MOUNT HOLE: Ø 3,5



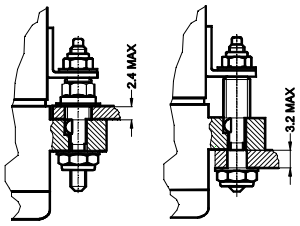
MOUNTING TORQUE
M3: 0.45 Nm

CODE 10 : 05 284 16
LOOSE STUD UNC HARDWARE
PANEL MOUNT HOLE: Ø 3,5



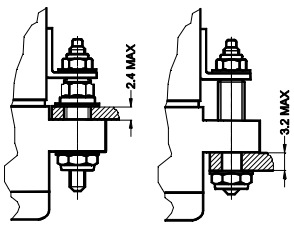
MOUNTING TORQUE
112-40: 0.45 Nm

CODE 8 : 05 284 20
LOOSE STUD - UNC HARDWARE
PANEL MOUNT HOLE: Ø 5,3 PANEL MOUNT HOLE: Ø 3,5



MOUNTING TORQUE
112-40: 0.45 Nm
190-32: 1.2 Nm

CODE 9 : 05 284 21
FIXED STUD - UNC HARDWARE
PANEL MOUNT HOLE: Ø 5,3 PANEL MOUNT HOLE: Ø 3,5



MOUNTING TORQUE
112-40: 0.45 Nm
190-32: 2.0 Nm

GROMMET TYPE
TYPE DE JOINT D'ETANCHEITE

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 12 and 16 wire as applicable.

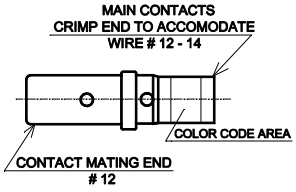
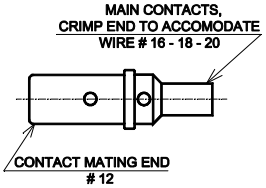
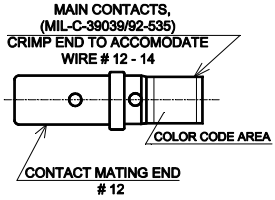
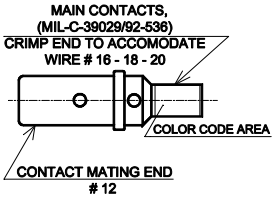
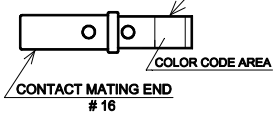
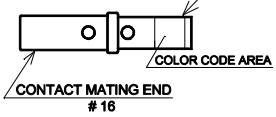
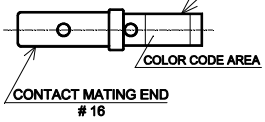
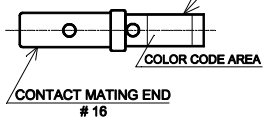
Etanchéité du fil : Un joint silicone fait partie intégrante du socle et permet de garantir une étanchéité des fils de AWG 12 et 16.

	CODE A
External wire diameter / *Diamètre extérieur du Fil*	**Dimensions in mm**
Main contacts # 12	2.0 to 3.4
X1-X2 Contacts and Auxiliary contacts # 16	1.2 to 2.6

CONTACT SIZE AND STYLE
TAILLE ET STYLE DE CONTACTS

CODE 0

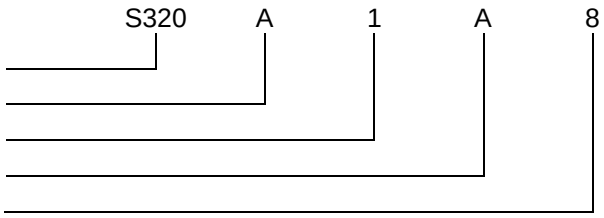
WITHOUT CONTACTS

CODE 8	CODE 10	CODE 11	CODE 13
05 910 00 MAIN CONTACTS CRIMP END TO ACCOMODATE WIRE # 12 - 14  	05 910 01 MAIN CONTACTS, CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  	30 976 00 MAIN CONTACTS, (MIL-C-39039/92-535) CRIMP END TO ACCOMODATE WIRE # 12 - 14  	31 099 00 MAIN CONTACTS, (MIL-C-39029/92-536) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20 
05 911 00 MAIN CONTACTS CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  	05 911 00 X1-X2 CONTACTS, CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  	30 315 00 X1-X2 CONTACTS, (MIL-C-39029/92-533) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  	30 315 00 X1-X2 CONTACTS, (MIL-C-39029/92-533) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20 

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 : S320-A1A8

MS/LEACH CROSS PART NO
CORREPONDANCE MIL/LEACH

MIL - Number		LEACH P/N	CONTACTS TYPE	HARDWARE
MIL-DTL-12883/55	01S	S320-A9A11	2 x M39029/92-533 3 x M39029/92-535	Fixed Stud
	04S	S320-A9A13	2 x M39029/92-533 3 x M39029/92-536	Fixed Stud

NOTES
REMARQUES

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