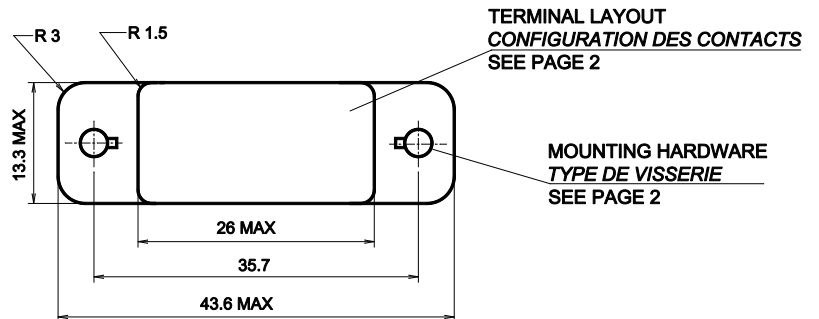


Applicable relays:
Series M320



GENERAL CHARACTERISTICS CARACTERISTIQUES GENERALES

Tooling #12 Outillage #12	Crimp tool <i>Pince à sertir</i>	M22520/1-01 with turret M22520/1-02 (Yellow)
	Insertion and extraction tool <i>Outil d'insertion et d'extraction</i>	M81969/14-04
Tooling #16 Outillage #16	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>		25g max
Temperature range <i>Température d'utilisation</i>		-70° C to +125° C
In accordance to <i>En accord selon</i>		MIL-DTL-12883/55
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>		

LEACH INTERNATIONAL EUROPE S.A.S.

Tel: +33 3 87 97 98 97

Fax: +33 3 87 97 96 86

LEACH INTERNATIONAL ASIA PACIFIC

Tel: +852 2 191 3830

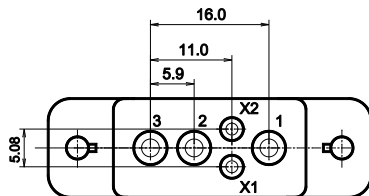
Fax: +852 2 389 5803

The technical information provided by Leach International Europe is to be used as a guide only, and is not meant for publication or as documentation for altering any existing specification. Dimensions are in millimeters unless otherwise specified. Rev. 06/2019.

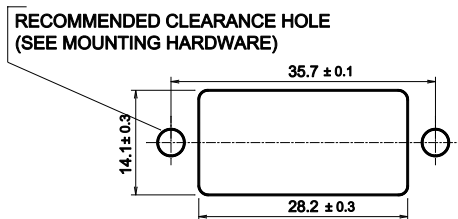
TERMINAL LAYOUT TYPE DE SORTIE

Dimensions in mm
Tolerances, unless otherwise specified, $\pm 0.25\text{mm}$

Series S320 Code A



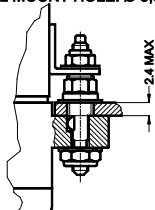
MOUNTING HOLE LAYOUT DECOUPE DE LA STRUCTURE



MOUNTING HARDWARE TYPE DE VISSERIE

CODE 1 : 05 284 12
LOOSE STUD
UNC HARDWARE

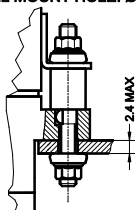
PANEL MOUNT HOLE: $\varnothing 5,3$



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

CODE 2 : 05 284 00
LOOSE STUD
METRIC HARDWARE

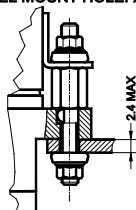
PANEL MOUNT HOLE: $\varnothing 3,5$



MOUNTING TORQUE
M3: 0.45 Nm

CODE 3 : 05 284 07
LOOSE STUD
METRIC HARDWARE

PANEL MOUNT HOLE: $\varnothing 3,5$



MOUNTING TORQUE
M3: 0.45 Nm

CODE 4

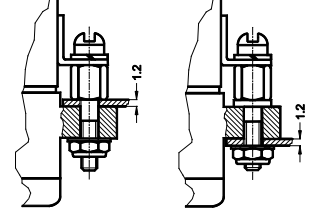
WITHOUT HARDWARE
HOLE DIAM 2.9 mm
FOR 112-40 SCREW

CODE 5

WITHOUT HARDWARE
HOLE DIAM 3.1 mm
FOR M3 SCREW

CODE 6 : 05 284 13
LOOSE STUD - UNC HARDWARE

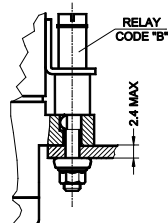
PANEL MOUNT HOLE: $\varnothing 3,5$



MOUNTING TORQUE
112-40: 0.45 Nm

CODE 7 : 05 284 15
LOOSE STUD METRIC HARDWARE

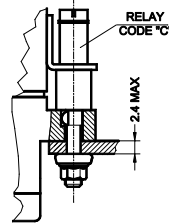
PANEL MOUNT HOLE: $\varnothing 3,5$



MOUNTING TORQUE
M3: 0.45 Nm

CODE 10 : 05 284 16
LOOSE STUD UNC HARDWARE

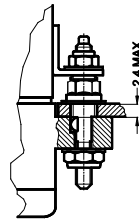
PANEL MOUNT HOLE: $\varnothing 3,5$



MOUNTING TORQUE
112-40: 0.45 Nm

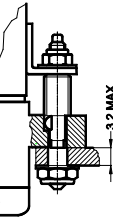
CODE 8 : 05 284 20
LOOSE STUD - UNC HARDWARE

PANEL MOUNT HOLE: $\varnothing 5,3$



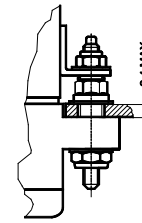
MOUNTING TORQUE
112-40: 0.45 Nm
190-32: 1.2 Nm

PANEL MOUNT HOLE: $\varnothing 3,5$



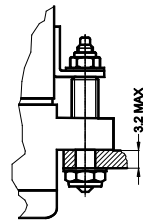
CODE 9 : 05 284 21
FIXED STUD - UNC HARDWARE

PANEL MOUNT HOLE: $\varnothing 5,3$



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

PANEL MOUNT HOLE: $\varnothing 3,5$



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 12 and 16 wire as applicable.

Étanchéité 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

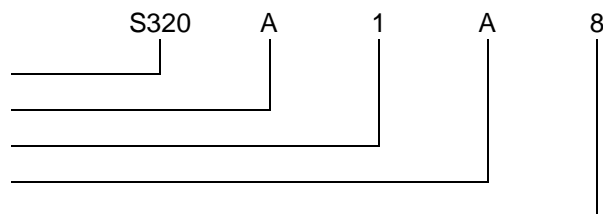
CODE 0			
WITHOUT CONTACTS			
CODE 8	CODE 10	CODE 11	CODE 13
<p>05 910 00</p> <p>MAIN CONTACTS CRIMP END TO ACCOMODATE WIRE # 12 - 14</p> <p>CONTACT MATING END # 12</p>	<p>05 910 01</p> <p>MAIN CONTACTS, CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20</p> <p>CONTACT MATING END # 12</p>	<p>30 976 00</p> <p>MAIN CONTACTS, (MIL-C-39039/92-535) CRIMP END TO ACCOMODATE WIRE # 12 - 14</p> <p>CONTACT MATING END # 12</p>	<p>31 099 00</p> <p>MAIN CONTACTS, (MIL-C-39029/92-536) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20</p> <p>CONTACT MATING END # 12</p>
<p>05 911 00</p> <p>MAIN CONTACTS CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20</p> <p>CONTACT MATING END # 16</p>	<p>05 911 00</p> <p>X1-X2 CONTACTS, CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20</p> <p>CONTACT MATING END # 16</p>	<p>30 315 00</p> <p>X1-X2 CONTACTS, (MIL-C-39029/92-533) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20</p> <p>CONTACT MATING END # 16</p>	<p>30 315 00</p> <p>X1-X2 CONTACTS, (MIL-C-39029/92-533) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20</p> <p>CONTACT MATING END # 16</p>

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 CORREONDANCE 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.