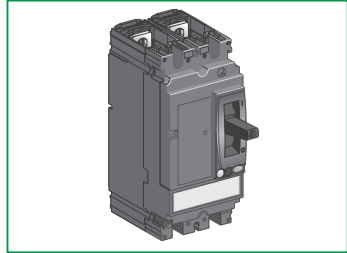


Compact NSX100-160 2P, ~ / ≤ 500 V ~

Circuit breaker/Switch-disconnector
Disjoncteur/Interrupteur-sectionneur
Interruptor automático/Interruptor seccionado



Schneider
Electric

S1A95949-02

Schneider Electric Industries SAS

35, rue Joseph Monier

CS 30323

F - 92506 Rueil Malmaison Cedex

www.schneider-electric.com



© 2013 Schneider Electric.
All rights reserved.

PLEASE NOTE

■ Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel.
■ No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

REMARQUE IMPORTANTE

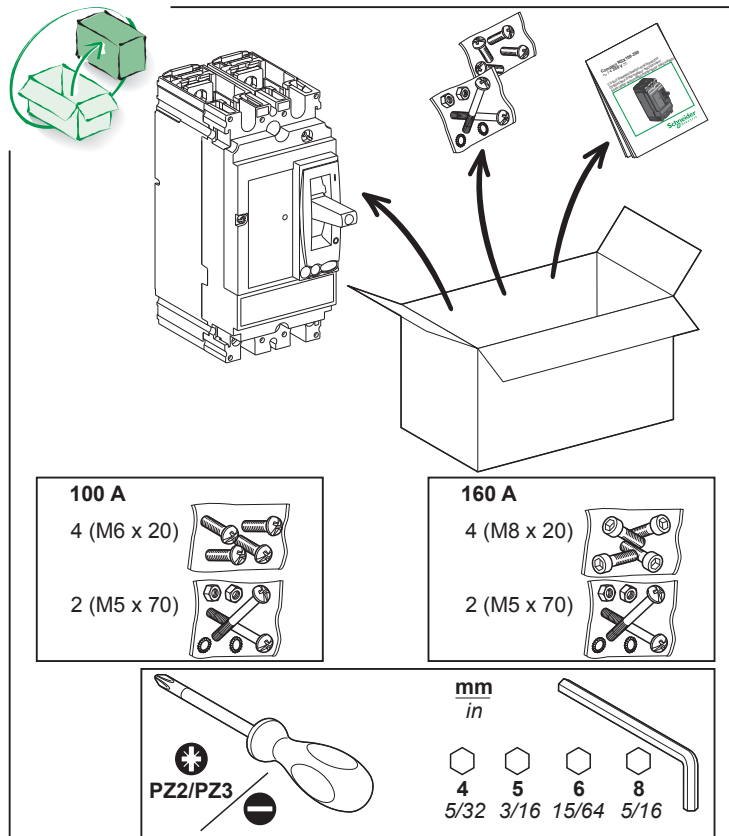
■ L'installation, l'utilisation, la réparation et la maintenance des équipements électriques doivent être assurées par du personnel qualifié uniquement.
■ Schneider Electric décline toute responsabilité quant aux conséquences de l'utilisation de ce matériel.

TENGA EN CUENTA

■ La instalación, manejo, puesta en servicio y mantenimiento de equipos eléctricos deberán ser realizados sólo por personal cualificado.
■ Schneider Electric no se hace responsable de ninguna de las consecuencias del uso de este material.

请注意

■ 电气设备的安装、操作、维修和维护工作仅限于合格人员执行。
■ 对于使用本资料所引发的任何后果，Schneider Electric 概不负责。



100 A

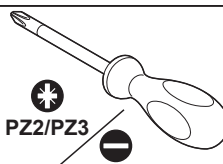
4 (M6 x 20)

2 (M5 x 70)

160 A

4 (M8 x 20)

2 (M5 x 70)



mm

in

4

5

6

8

5/32

3/16

15/64

5/16

⚠ DANGER / DANGER / PELIGRO / 危險 / GEFAHR / PERICOLO / PERIGO / ВНИМАНИЕ

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

■ Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E, CSA Z462 or local equivalent.
■ This equipment must only be installed and serviced by qualified electrical personnel.
■ Turn off all power supplying this equipment before working on or inside equipment. Lock the switchgear in the isolated position.
■ Always use a properly rated voltage sensing device to confirm power is off.
■ Install safety barriers and display a danger sign.
■ Replace all devices, doors, and covers before turning on power to this equipment.
Failure to follow these instructions will result in death or serious injury.

RISQUE D'ÉLECTROCUTION, D'EXPLOSION OU D'ARC ÉLECTRIQUE

■ Portez un équipement de protection personnelle adapté et respectez les consignes de sécurité électrique courantes. Reportez-vous aux normes NFPA 70E, CSA Z462 ou aux textes équivalents applicables dans votre région du monde.
■ Seul un personnel qualifié doit effectuer l'installation et l'entretien de cet appareil.
■ Débranchez toutes les sources d'alimentation de cet équipement avant d'effectuer toute opération interne ou externe sur celui-ci. Verrouillez l'appareillage en position isolée.
■ Utilisez toujours un dispositif de détection de tension ayant une valeur nominale appropriée pour vous assurer que l'alimentation est coupée.
■ Installez des barrières de sécurité et affichez un signal de danger.
■ Remettez en place tous les équipements, les portes et les capots avant de remettre l'appareil sous tension.
Le non-respect de ces instructions provoquera la mort ou des blessures graves.

PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O ARCO ELÉCTRICO

■ Utilice el equipo de protección personal (PPE) adecuado y siga las recomendaciones para el trabajo seguro con dispositivos eléctricos. Consulte NFPA 70E, CSA Z462 o la norma local equivalente.
■ Solo el personal de electricidad cualificado podrá instalar, programar y realizar el mantenimiento del equipo.
■ Desconecte toda la alimentación de este equipo antes de trabajar en él o en su interior. Bloquee la alimentación eléctrica en la posición de aislamiento.
■ Utilice siempre un dispositivo de detección de tensión de capacidad adecuada para confirmar la ausencia de alimentación eléctrica.
■ Instale barreras de seguridad y coloque un cartel de peligro.
■ Vuelva a colocar todos los dispositivos, las puertas y las tapas antes de conectar la alimentación de este equipo.
Si no se siguen estas instrucciones provocará lesiones graves o incluso la muerte.

电击、爆炸或电弧闪光危险

■ 采用适当的个人防护设备 (PPE) 并遵循电气作业安全守则。请参阅 NFPA 70E, CSA Z462 或当地对应的标准。
■ 只有具备相应资质的电气人员才能安装和维修该设备。
■ 在该设备表面或内部工作之前，请关闭设备的全部电源。将开关锁定在隔离位置。
■ 确保使用合适的额定电压传感器确认电源已关闭。
■ 安装安全栅并显示危险标志。
■ 更换所有设备、门和盖，然后再打开该设备的电源。
如果不遵守这些说明，将会导致死亡或严重伤害。

GEFAHR VON ELEKTRISCHEM SCHLAG, EXPLOSION ODER LICHTBOGEN

■ Tragen Sie persönliche Schutzausrüstung (PSA) und befolgen Sie sichere Verfahren im Umgang mit Elektrogeräten. Siehe NFPA 70E, CSA Z462 oder lokale Entsprechung.
■ Diese Geräte dürfen nur von qualifizierten Elektrikern installiert und gewartet werden.
■ Schalten Sie vor Arbeiten am bzw. im Innern des Geräts die gesamte Spannungsversorgung ab. Die Schaltanlage in die Trennstellung bringen.
■ Verwenden Sie für die Prüfung vorhandener Spannung stets einen Spannungsfühler mit zutreffender Bemessungsspannung.
■ Bringen Sie Sicherheitsbarrieren und einen Warnhinweis an.
■ Bringen Sie alle Vorrichtungen, Türen und Abdeckungen wieder an, bevor Sie das Gerät einschalten.
Die Nichtbeachtung dieser Anweisungen führt zu Tod oder schwerer Körperverletzung.

RISCHIO DI FOLGORAZIONE, ESPLOSIONI O ARCO ELETTRICO

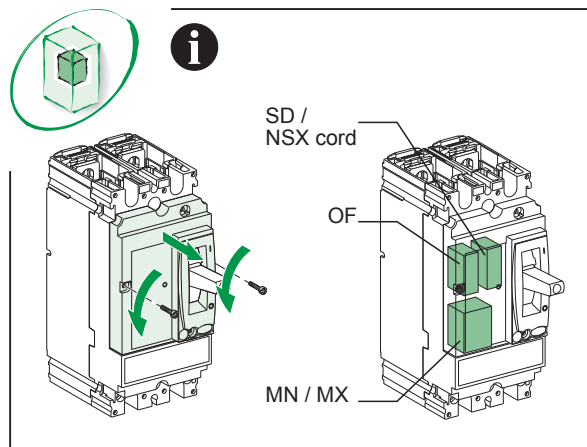
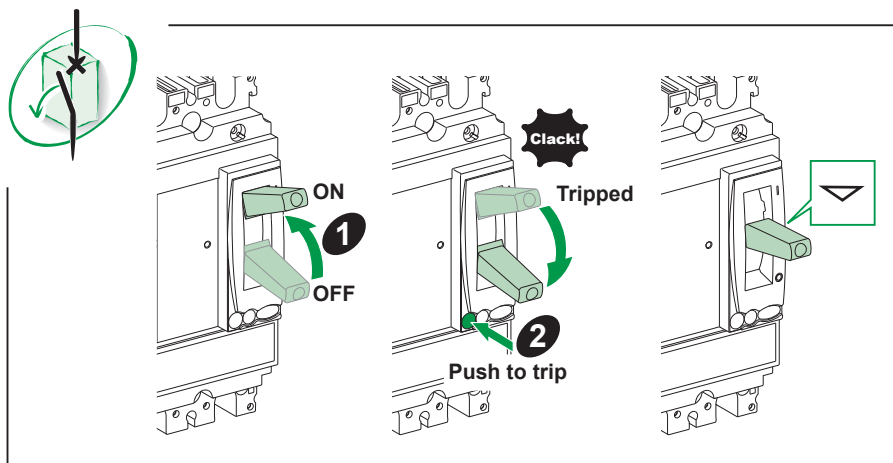
■ Utilizzare dispositivi di protezione individuale (DPI) idonei e adottare misure di sicurezza adeguate per lavori elettrici. Vedere le normative NFPA 70E, CSA Z462 o le norme equivalenti nel paese di installazione.
■ Installazione e manutenzione di questa apparecchiatura si devono affidare solo ad elettricisti qualificati.
■ Prima di lavorare con l'apparecchiatura o al suo interno isolare completamente l'alimentazione elettrica. Bloccare l'interruttore in posizione isolata.
■ Per verificare che l'alimentazione sia isolata usare sempre un rivelatore di tensione correttamente tarato.
■ Installare barriere di sicurezza e apporre un segnale di pericolo.
■ Sostituire dispositivi, sportelli e coperture prima di riaccendere l'alimentazione dell'apparecchiatura.
Il mancato rispetto di queste istruzioni provocherà morte o gravi infortuni.

RISCO DE ELECTROCUSSÃO, DE EXPLOÇÃO, OU DE ARCO ELÉCTRICO

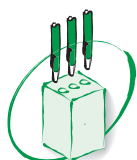
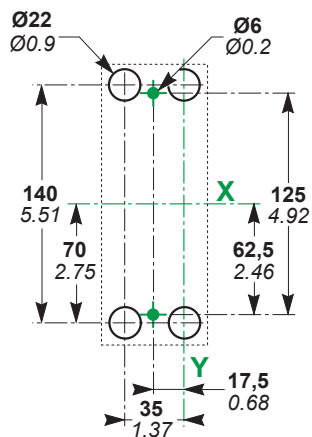
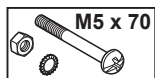
■ Utilize equipamento de protecção pessoal (PPE) e siga os métodos de segurança eléctrica. Consulte NFPA 70E, CSA Z462 ou o equivalente local.
■ A instalação e manutenção deste equipamento só devem ser efectuadas por electricistas qualificados.
■ Desligue todas as fontes de alimentação deste equipamento antes de trabalhar no equipamento ou no seu interior. Bloqueie a placa de distribuição na posição isolada.
■ Utilize sempre um dispositivo de detecção da tensão nominal adequada para confirmar se a alimentação está desligada.
■ Instale barreiras de segurança e apresente um sinal de perigo.
■ Substitua todos os dispositivos, portas e tampas antes de ligar a alimentação deste equipamento.
A não observância destas instruções resultará em morte, ou ferimentos graves.

ОПАСНОСТЬ ПОРАЖЕНИЯ ЭЛЕКТРИЧЕСКИМ ТОКОМ, ВЗРЫВА ИЛИ ВСПЫШКИДУГИ

■ Используйте подходящие средства индивидуальной защиты (СИЗ) и соблюдайте технику безопасности при электротехнических работах. См. NFPA 70E, CSA Z462 или местный эквивалентный стандарт.
■ Данное оборудование могут устанавливать и обслуживать только квалифицированные электрики.
■ Отключите питание до начала работы снаружи или внутри оборудования.
■ Всегда пользуйтесь надлежащим датчиком номинального напряжения для определения отсутствия питания.
■ Установите защитные ограждения и знак опасности.
■ Установите обратно все устройства, дверцы и крышки перед включением питания данного оборудования.
Несоблюдение этих инструкций приведет к смерти или серьезной травме.



mm
in

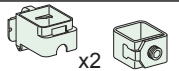


mm
in



100/160 A

1,5...95 mm²
AWG 16...4/0
LV29246



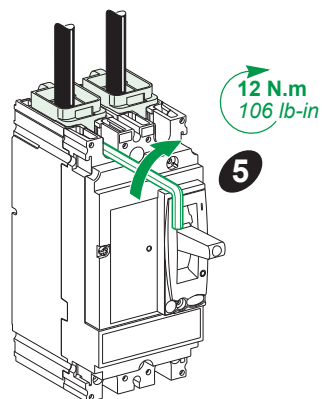
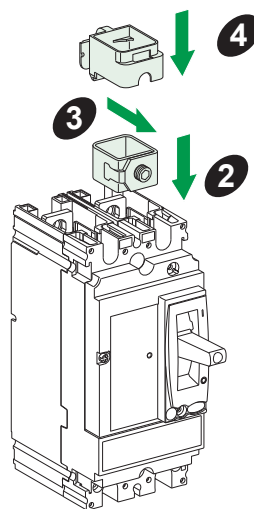
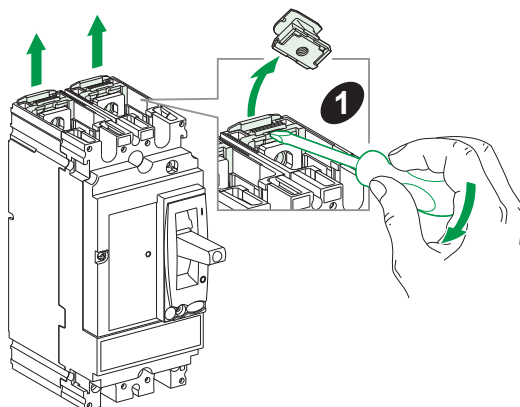
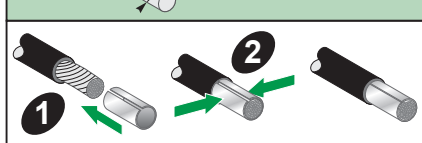
Acier
Steel

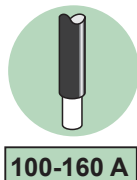
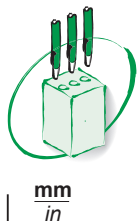
≤ 160 A



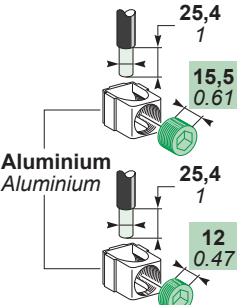
S : 1,5...95 mm² Cu / Al
S : AWG 16...4/0 Cu / Al

1,5...4 mm²
AWG 16...12





100-160 A	
25...95 mm ² AWG 4...4/0	120...185 mm ² 250...350 kcmil
LV42955	LV429247
  x2	



Aluminium
Aluminium

25,4
1

15,5
0.61

25,4
1

12
0.47

S: 25...50 mm² Cu / Al
AWG 4...1/0 Cu / Al

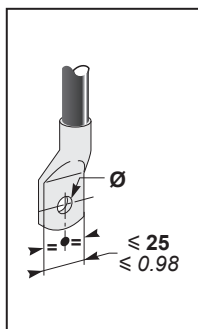
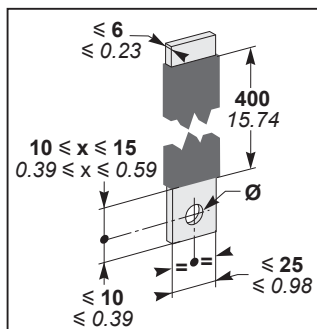
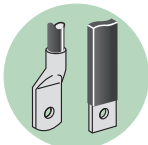
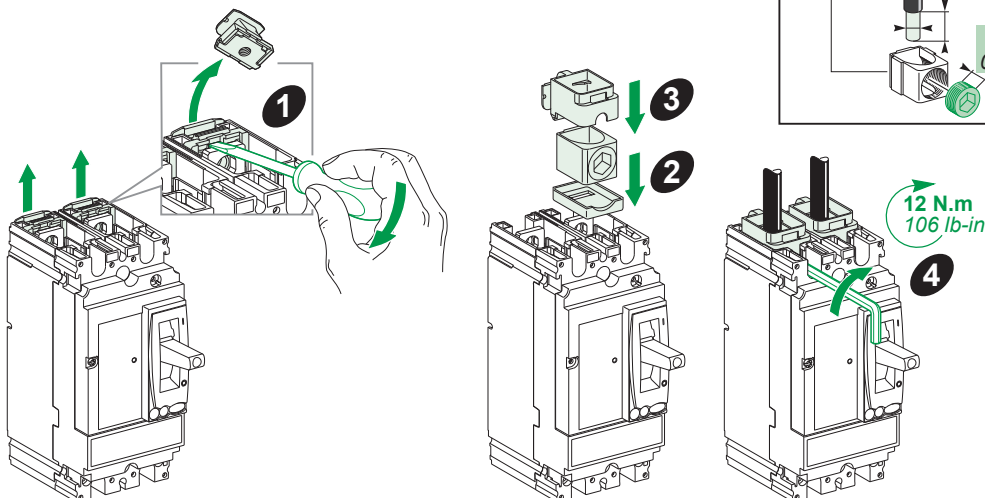
20 N.m
180 lb-in

S: 70...95 mm² Cu / Al
AWG 2/0...4/0 Cu / Al

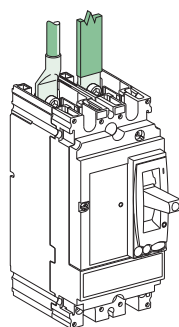
26 N.m
225 lb-in

S: 120...185 mm² Cu / Al
250...350 kcmil Cu / Al

26 N.m
225 lb-in



	100 A	160 A
Ø	≥ 6 ≥ 0.23	≥ 8 ≥ 0.31



NSX100

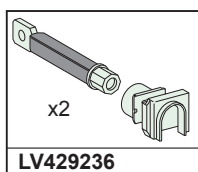
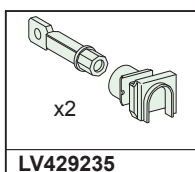
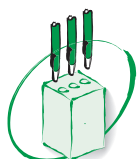
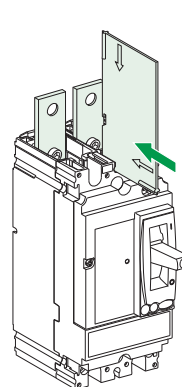
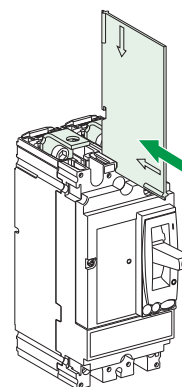
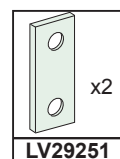
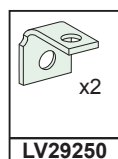
M6 X 20

10 N.m
90 lb-in

NSX160

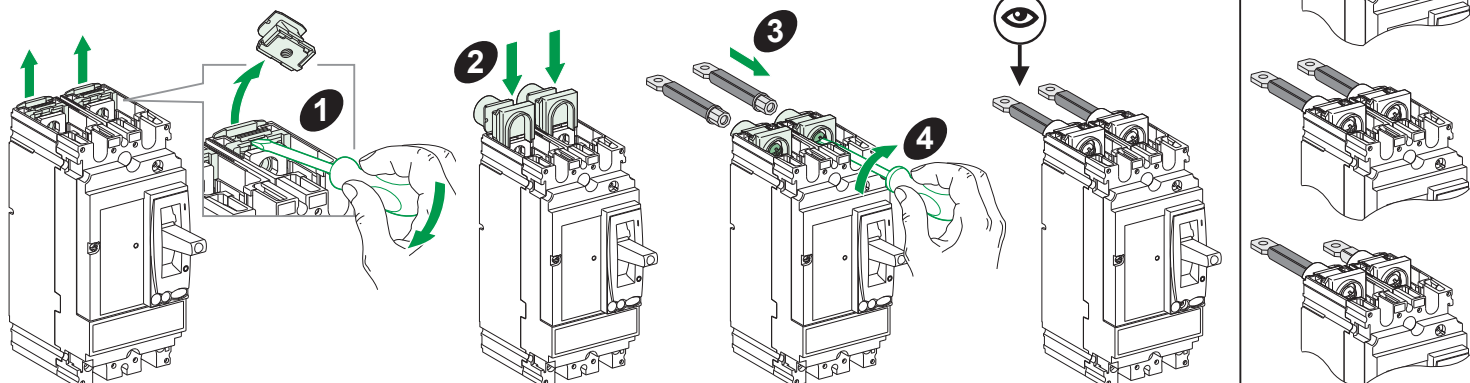
M8 X 20

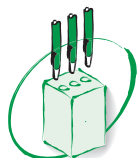
15 N.m
130 lb-in



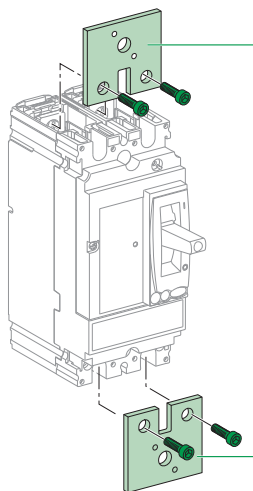
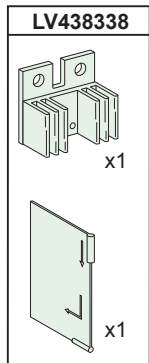
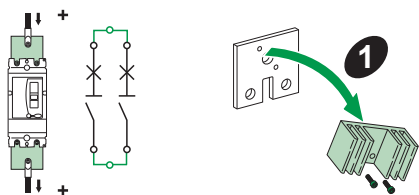
M6 X 20

5 N.m
44 lb-in



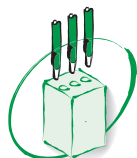


U ≤ 250 V ~

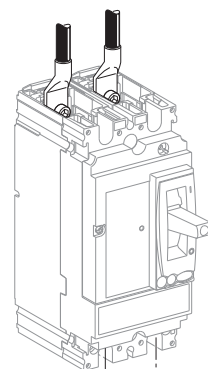
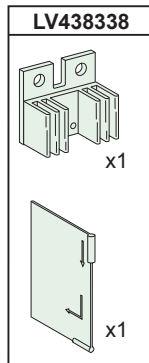
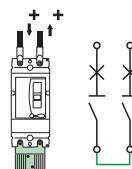


LV438328

M8 x 20 **15 N.m**
132 lb-in

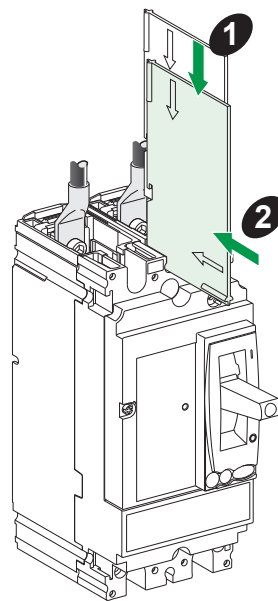
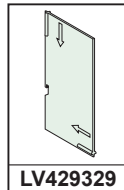
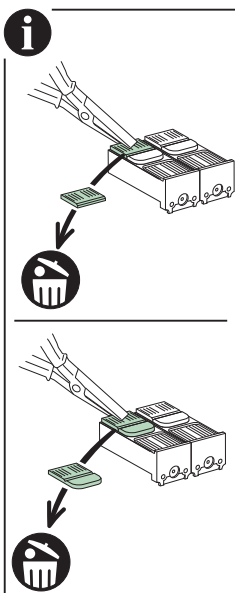
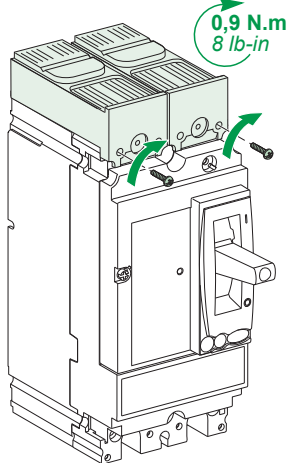
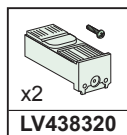


U ≤ 500 V ~

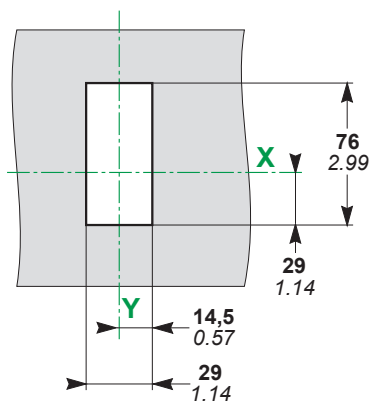
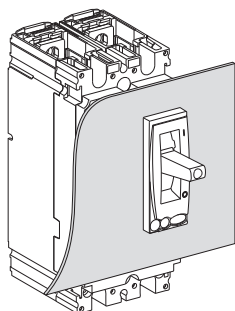


M8 x 20 **15 N.m**
132 lb-in

LV438328



mm
in



mm
in

