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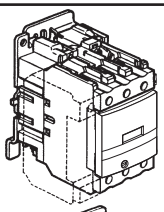
# LC1D40...D95 / LC2D40...D95

www.schneider-electric.com

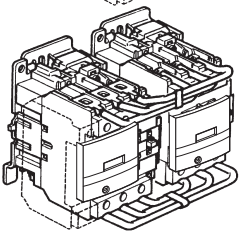
Contacteurs / Contacteurs-inverseur
Contactors / Reversing-contactors
Schütze / Wendeschütze
Contattori / Teleinvertitori

Contactores / Contactores-inversores
Contactores / Contactores-inversores
КОНТАКТОРЫ / РЕВЕРСИВНЫЕ КОНТАКТОРЫ
接触器 / 换向接触器

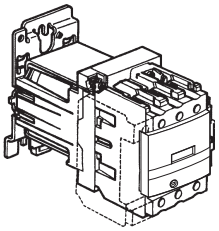
~ LC1D40
LC1D50
LC1D65
LC1D80
LC1D95



LC2D40
LC2D50
LC2D65
LC2D80
LC2D95



⎓ LC1D40
LC1D50
LC1D65
LC1D80
LC1D95



"For Motor Starting Use Schneider Electric Overload Relay Series LR".

## ⚠ ⚠ DANGER / DANGER / PELIGRO / GEFAHR / PERICOLO / PERIGO / ОПАСНО / 危险

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**
Disconnect all power before servicing equipment.
**Failure to follow these instructions will result in death or serious injury.**

**RISQUE D'ÉLECTROCUTION, D'EXPLOSION OU D'ECLAIR D'ARC ELECTRIQUE**
Coupez toutes les alimentations avant de travailler sur cet appareil.
**Le non-respect de ces instructions provoquera la mort ou des blessures graves.**

**PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O ARCO ELECTRICO**
Desconecte todas las alimentaciónes antes de manipular el producto.
**Si no se siguen estas instrucciones provocará lesiones graves o incluso la muerte.**

**GEFAHR VON ELEKTRISCHEM SCHLAG, EXPLOSION ODER LICHTBOGEN**
Vor dem Arbeiten am Gerät alle Spannungsversorgungen abschalten.
**Die Nichtbeachtung dieser Anweisungen führt zu Tod oder schwerer Verletzungen.**

**RISCHIO DI SCARICA ELETTRICA , ESPLOSIONE O ARCO ELETTRICO**
Scollegare l'apparecchio da tutti i circuiti di alimentazione prima di qualsiasi intervento.
**Il mancato rispetto di queste istruzioni provocherà morte o gravi infortuni.**

**RISCO DE ELECTROCUSSÃO, DE EXPLOSÃO, OU DE ARCO ELÉCTRICO**
Desconecte todas as alimentações antes de manipular o produto.
**A não observância destas instruções resultará em morte, ou ferimentos graves.**

**Опасность поражением электрическим током, опасность взрыва или вспышки дуги.**
Перед обслуживанием или ремонтом убедитесь, что питание отключено.
**Несоблюдение этих инструкций приведет к смерти или серьезной травме.**

电击、爆炸或电弧闪光危险
在此电力设备 上进行工作时
请先切断所有电源。
不遵循上述说明将导致人员伤亡。,

## ⚠ WARNING

**RISK OF FIRE OR ELECTRIC SHOCK (FOR CONTACTOR WITH UL HI-FAULT SHORT CIRCUIT CURRENT RATINGS ONLY)**
The opening of the branch-circuit protective device may be an indication that a fault current has been interrupted. To reduce the risk of fire or electric shock, current-carrying parts and the other components of the controller should be examined and replaced if damaged.
**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

W9 0444935 0114 A12
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1/12

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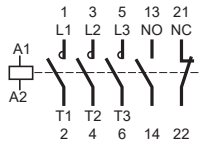
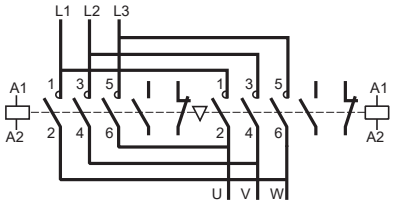
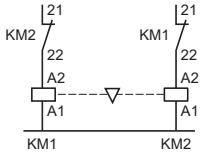
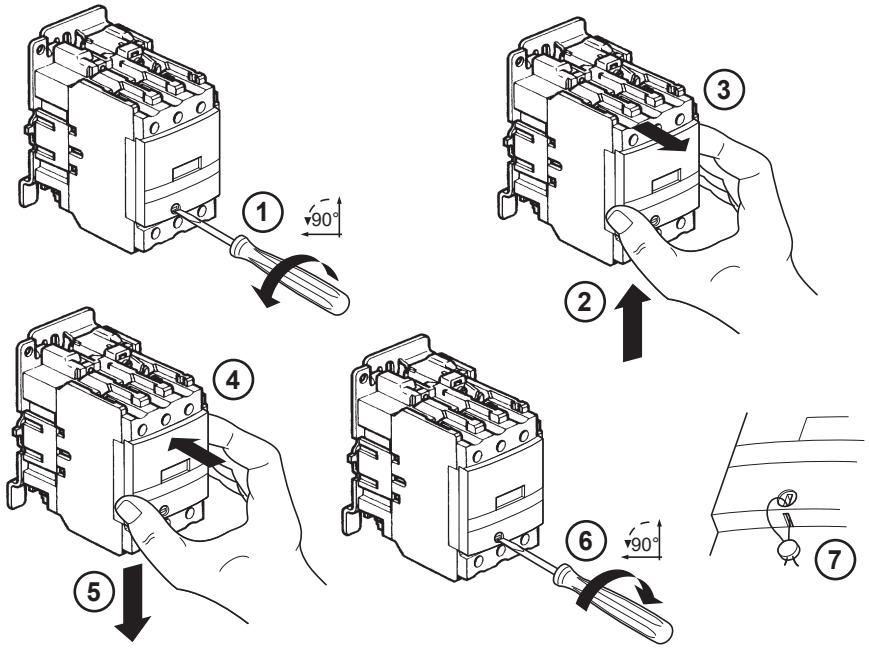
LC1

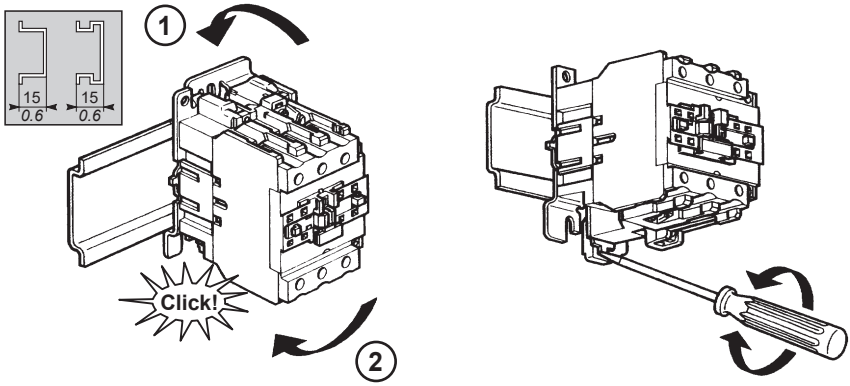



LC2



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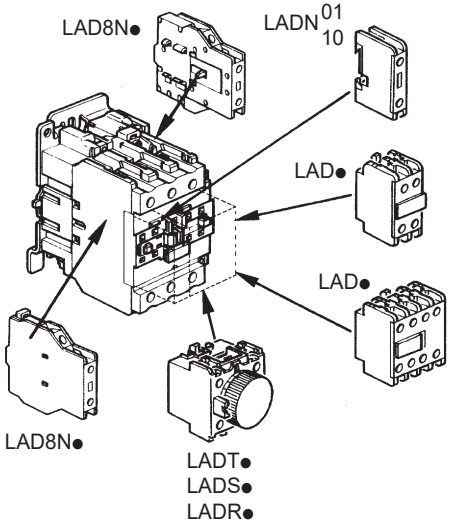
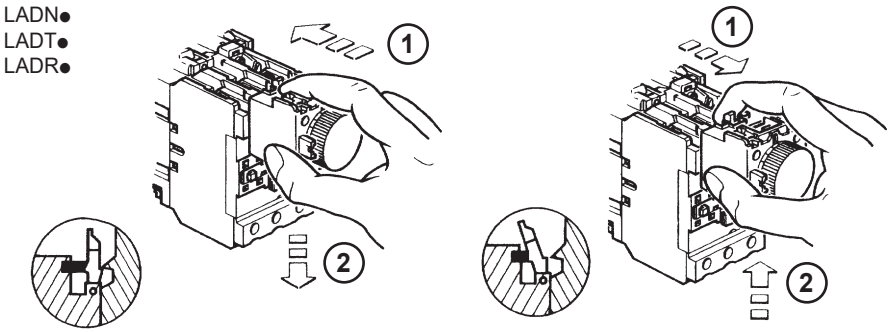
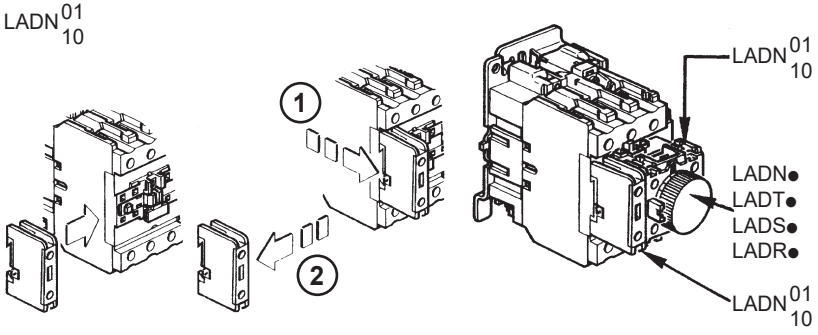
Additifs
Adder blocks
Hilfsschalterblöcke aufrastbar
Additivi

Aditivos
Aditivos
Блоки суммирования
加法器块




| | |
|---|---|
| 1 “F” | LADN10 |
| 1 “O” | LADN01 |
| 1 “F” + 1 “O” | LADN11 |
| 2 “F” | LADN20 |
| 2 “O” | LADN02 |
| 2 “F” + 2 “O” | LADN22 |
| 1 “F” + 3 “O” | LADN13 |
| 4 “F” | LADN40 |
| 4 “O” | LADN04 |
| 3 “F” + 1 “O” | LADN31 |
| 2 “F” + 2 “O” | LADC22 |
| 2 “F” | LA1DX20 (See page7) |
| 2 “F” + 2 “F” | LA1DZ40 (See page7) |
| 1 “F” + 1 “O” + 2 “F” | LA1DZ31 (See page7) |
| 2 “F” | LA1DY20 (See page7) |
| 0,1...3 s | LADT0 |
| 0,1...30 s | LADT2 |
| 1...30 s | LADS2 |
| 10...180 s | LADT4 |
| 0,1...3 s | LADR0 |
| 0,1...30 s | LADR2 |
| 10...180 s | LADR4 |
| 1 “F” + 1 “O” | LAD8N11 (See page8) |
| 2 “F” | LAD8N20 (See page8) |



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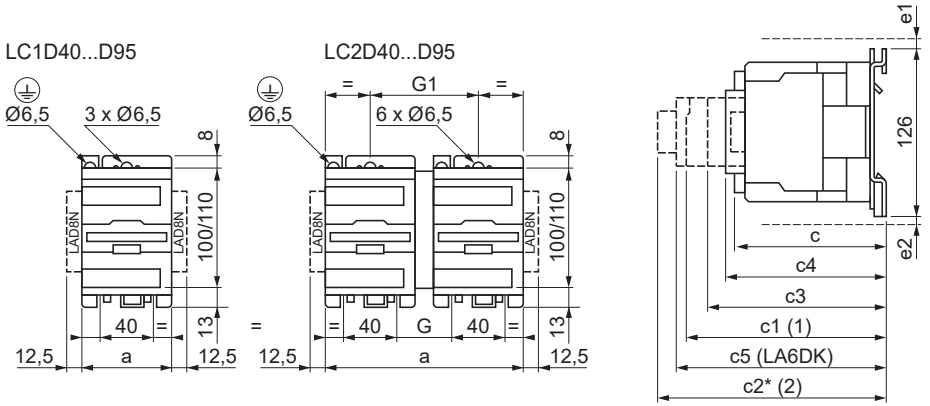
Encombrements/bobines
Dimensions/coils
Abmessungen/Spulen
Dimensioni d'incombro/bobine
Dimensiones/bobinas
Atravancamentos/bobinas
Габариты/катушки
尺寸/线圈



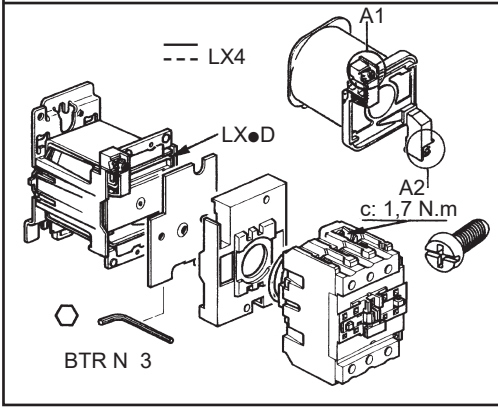

| | 3P |
|---|---|
| (mm) | a |
| LC1D40…D65 | 75 |
| LC1D80…D95 | 85 |
| LC2D40…D65 | 165 |
| LC2D80…D95 | 182 |

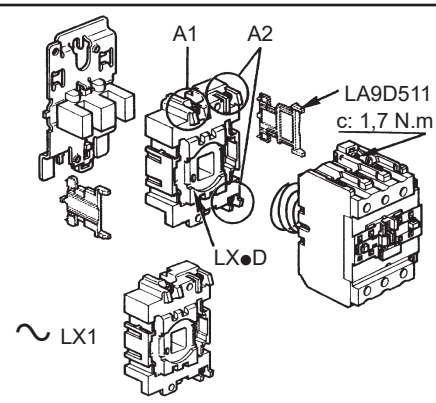
| | 3P | | | | |
|---|---|---|---|---|---|
| (mm) | e1 | e2 | c3 | G | G1 |
| LC2D40…D65 | 5 | 11 | 142 | 50 | 90 |
| LC2D80…D95 | 13 | 20 | 158 | 57 | 96 |

| | 3P | | | | |
|---|---|---|---|---|---|
| (mm) | c | c4 | c1 | c5 | c2* |
| ~ LC●D40…D65 | 114 | 116 | 146 | 157 | 165 |
| ~ LC●D80…D95 | 125 | 127 | 153 | 165 | 176 |
| ⎓ LC1D40…D65 | 171 | 173 | 202 | 213 | 221 |
| ⎓ LC1D80…D95 | 181 | 183 | 210 | 221 | 229 |

(1) LADN, LADC
(2) LADR, LADT, LADS

* + 4 mm (LA9D901)
1 inch = 25,4 mm



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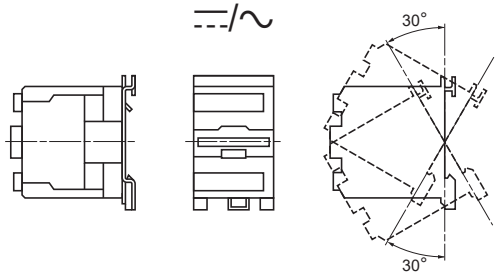
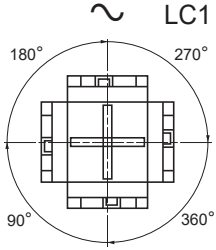
Positions de fonctionnement
Operating positions
Befestigungslage
Posizioni di funzionamento
Posiciones de funcionamiento
Posições de funcionamento
Рабочие положения
操作位置




Raccordement Mini … Maxi
Wiring Min … Max
Anschlüsse Min … Max
Connessione Min … Max
Capacidad de conexion Min … Max
Ligação Mín … Máx
Проводка Мин…макс
接线最小 ··· 最大

| LC1 LC2 | | ( mm² ) | ( mm² ) | ( mm² ) | ( mm² ) | ( mm² ) | ( mm² ) | ( mm ) | | L ( mm ) | | Philips | C N.m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D40 D50 D65 | | 1…2,5 | 1…2,5 + 1…2,5 | 1…4 | 1…4 + 1…4 | 1…4 | 1…4 + 1…4 | 8 | | 7,5 | Ø 6 | 2 | 1,2 |
| | | 2,5 : 25 | 2,5…10 + 2,5…10 | 2,5 : 25 | 2,5…16 + 2,5…16 | 2,5 : 25 | 2,5…16 + 2,5…16 | | | – | Ø 6 Ø 8 | | 5 |
| D80 D95 | | 1…2,5 | 1…2,5 + 1…2,5 | 1…4 | 1…4 + 1…4 | 1…4 | 1…4 + 1…4 | 8 | | 7,5 | Ø 6 | 2 | 1,2 |
| | | 4 : 50 | 4…16 + 4…16 | 4 : 50 | 4…25 + 4…25 | 4 : 50 | 6…25 + 6…25 | | 4 | – | Ø 6 Ø 8 | | 12* |
| LXD LAD | | 1…2,5 | 1…2,5 + 1…2,5 | 1…4 | 1…4 + 1…4 | 1…4 | 1…4 + 1…4 | 8 | | 7,5 | Ø 6 | 2 | 1,2 |

* After installation due to creepage effect, it is recommended to recheck the torque periodically, especially for 35 mm² rigid cable or higher.
* 安装完成后, 考虑到金属蠕变效应, 建议定期检查扭矩, 尤其 是对于 35 mm² 或更大的刚性电缆, 更应如此。



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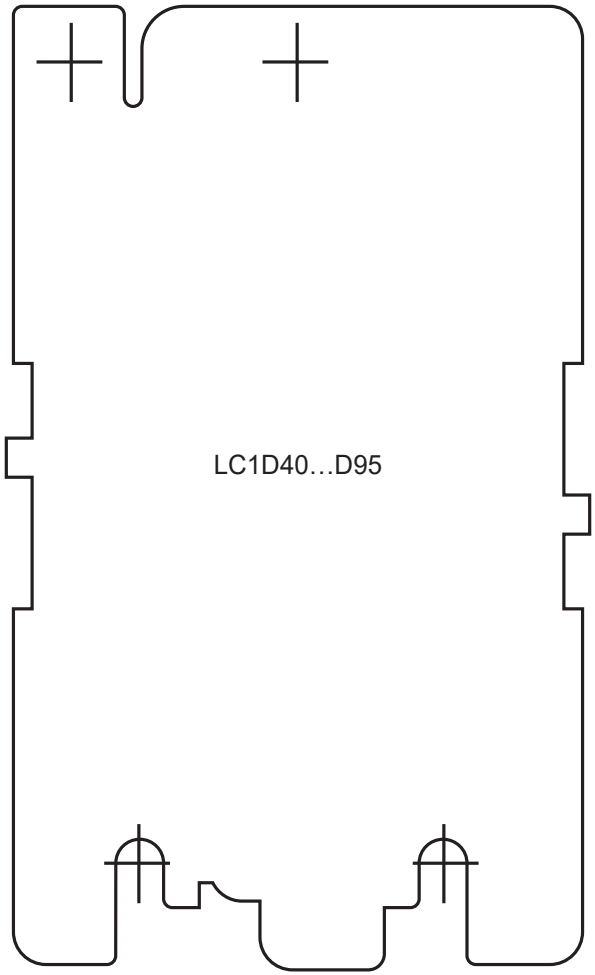
Gabarit de perçage
Drilling template
Bohrschablone
Maschera di foratura
Guia de taladrado
Gabarito de furação
Шаблон для сверления
钻孔模板



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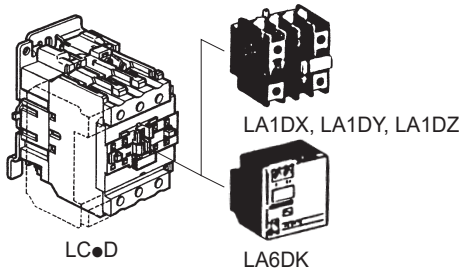
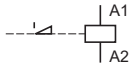
Les autres additifs
Others adder blocks
Hilfsschalterblöcke seitlicher Anbau
Gli altri additivi
Los otros aditivos
Os outros aditivos
Другие блоки суммирования
加法器块

- **LA1DX●●, LA1DY●●, LA1DZ●●**

Environnement polluant
Environnement pollusion
Für verschmutzte Umgebung
Ambienti polverosi
Amblente polvoriento
Ambiente poluído
Загрязнение окружающей среды
环境污染

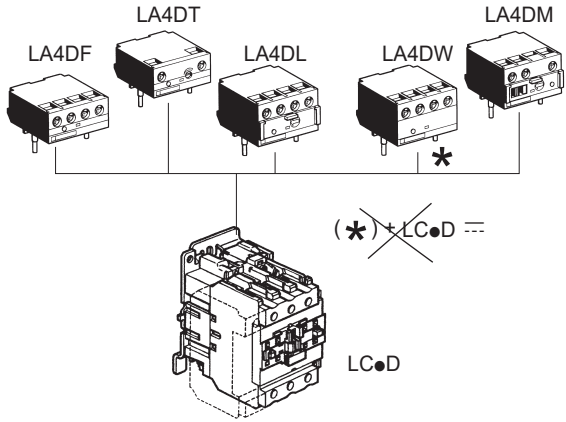



- **LA6DK**




- **LA4DF, LA4DW, LA4DL**

Modules d'interface
Interface modules
Interface - Module
Moduli d'interfaccia
Modulos interface
Módulos de interface
Интерфейсные модули
接口模块




- **LA4DM**

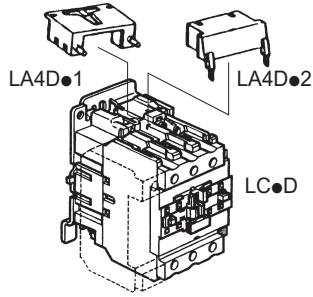
"Auto O Man"

- **LA4DT**

Retard à l'excitation ou à la désexcitation bobine
Delay on coil energisation or desenergisation
Verzögerungsblöcke Ansprech, Rückfallver-zögert
Ritardo all'eccitazione o alla diseccitazione bobina
Retraso a la conexion o a la desconexion de la bobina
Atraso á excitação ou á desexcitação da bobina
Задержка возбуждения или снятия возбуждения катушки
线圈通电或断电延迟

- **LA4DA●, LA4DB●, LA4DC●, LA4DE●**

Antiparasites
Coil suppressor
Uberspannungsbegrenzer
Antiparassiti
Antiparasitarios
Antiparasitas
Устройство защиты от перегрузок катушки
线圈抑制器



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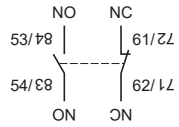
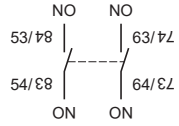
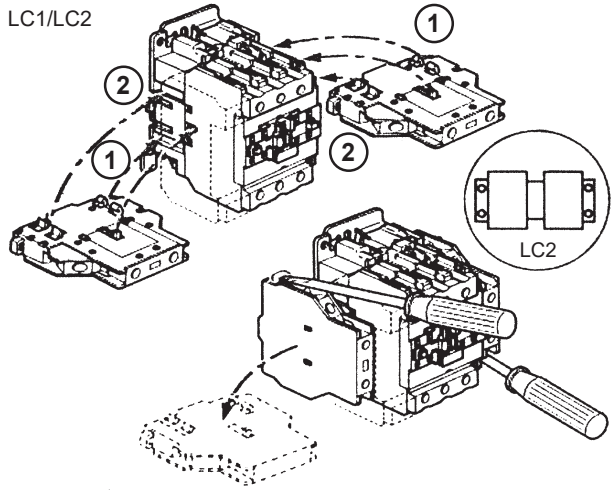
LAD8N11




LAD8N20




LC1/LC2




| LC1/LC2 | A1 / A2 | Un | LADN● LADT● LADR● LA6DK● | LAD8N | | |
|---|---|---|---|---|---|---|
| LC1 D40…D95 | ⎓ | 0,8...1,1 | ● | | | |
| LC1 D40…D95<br>LC2 D40…D95 | ∼ 50-60 Hz | 0,8...1,1 | ● | | | |
| | | | | ● | ● | ● |
| | | 0,85...1,1 | ● | ● | ● | ● |
| | 50 Hz | 0,8...1,1 | ● | ● | ● | ● |
| | 60 Hz | | ● | ● | ● | ● |

3P AC TeSys D contactors (LC1D40 -> LC1D95) are grade 2 according to GB 21518. Maximum power consumption lower than 36.6 VA.
根据GB 21518标准，三极 TeSys D系列交流接触器 (LC1D40 -> LC1D95) 能效等级为2级, 产品最大吸持功率低于36.6 VA

产品中有毒有害物质或元素的名称及含量 / Contents of Toxic or Hazardous Substances or Elements

| 部件名称<br>Part Name | 有毒有害物质或元素 / Toxic or hazardous Substances and Elements | | | | | |
|---|---|---|---|---|---|---|
| | 铅<br>(Pb) | 汞<br>(Hg) | 镉<br>(Cd) | 六价铬<br>($Cr^{6+}$) | 多溴联苯<br>(PBB) | 多溴二苯醚<br>(PBDE) |
| 金属部件<br>Metal Parts | X | O | O | O | O | O |

**O** ：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006 标准规定的限量要求以下。
Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006.

**X** ：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006 标准规定的限量要求。
Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006.

对销售之日的所售产品,本表显示,
施耐德电气供应链的电子信息产品可能包含这些物质。注意:在所售产品中可能会也可能不会含有所有所列的部件。
Note: The products on sale may or may not contain all the parts/components listed here.



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| | | | |
|---|---|---|---|
| The product's manufacture date is coded PPYYWWD, where:<br>● PP: plant code<br>● YY: year of manufacture<br>● WW: week of manufacture<br>● (D: weekday of manufacture (Monday = 1)) | La date de fabrication du produit est codée PPYYWWD, avec:<br>● PP: code usine<br>● YY: année de fabrication<br>● WW: semaine de fabrication<br>● (D: jour de fabrication dans la semaine (lundi = 1)) | La fecha de fabricación del producto está codificada PPYYWWD, donde:<br>● PP: código de la planta<br>● YY: año de fabricación<br>● WW: semana de fabricación<br>● (D: día de la semana de fabricación (lunes = 1)) | Das Herstellungsdatum des Produkts ist folgendermaßen codiert: PPYYWWD. Wobei:<br>● PP: Werkscode<br>● YY: Herstellungsjahr<br>● WW: Herstellungswoche<br>● (D: Herstellungstag (Montag = 1)) |
| La data di fabbricazione del prodotto è indicata con il codice PPYYWWD, dove:<br>● PP: codice stabilimento<br>● YY: anno di fabbricazione<br>● WW: settimana di fabbricazione<br>● (D: giorno della settimana in cui il prodotto è stato fabbricato (lunedì = 1)) | A data de fabrico do produto está sob a forma de código PPYYWWD, onde:<br>● PP: código da fábrica<br>● YY: ano de fabrico<br>● WW: semana de fabrico<br>● (D: dia da semana de fabrico (Segunda-feira = 1)) | Дата производства продукта закодирована в формате PPYYWWD, где:<br>● PP: код завода<br>● YY: год производства<br>● WW: неделя производства<br>● (D: день недели, когда был произведен продукт (понедельник = 1)) | 产品制造日期采用如下代码 PPYYWWD，其中:<br>● PP: 工厂代码<br>● YY: 制造年份<br>● WW: 第几周制造<br>●（D: 星期几制造（星期一 = 1））|



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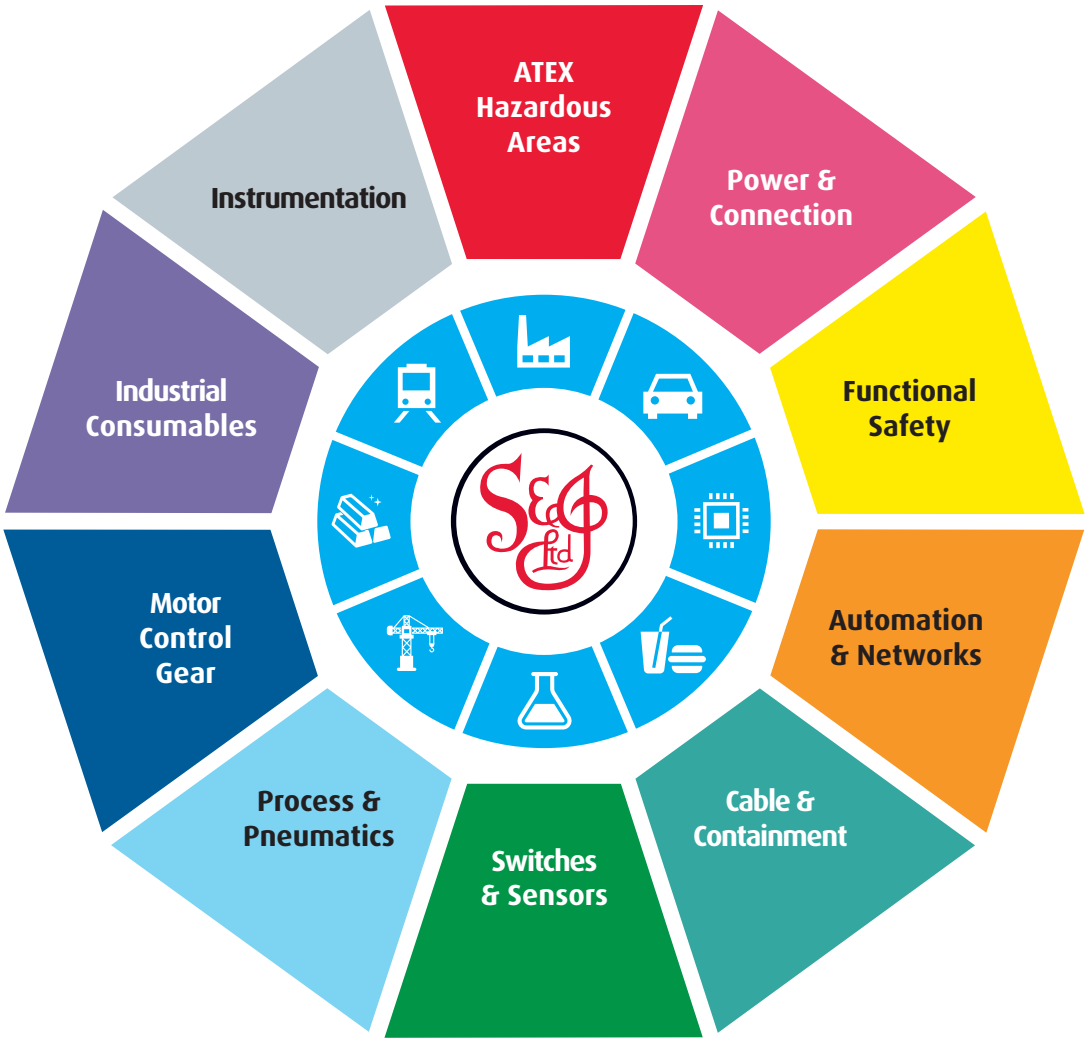


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