



TeSys LRD thermal overload  
relays - 48...65 A - class 10A

LRD3359

Main

|                                     |                                                                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Range                               | TeSys                                                                                                                                |
| Product name                        | TeSys LRD<br>TeSys Deca                                                                                                              |
| Product or component type           | Differential thermal overload relay                                                                                                  |
| Device short name                   | LRD                                                                                                                                  |
| relay application                   | Motor protection                                                                                                                     |
| Product compatibility               | LC1D80<br>LC1D95                                                                                                                     |
| network type                        | AC<br>DC                                                                                                                             |
| Thermal overload class              | Class 10A conforming to IEC 60947-4-1                                                                                                |
| Thermal protection adjustment range | 48...65 A                                                                                                                            |
| [Ui] rated insulation voltage       | Power circuit: 1000 V conforming to IEC 60947-4-1<br>Power circuit: 600 V conforming to CSA<br>Power circuit: 600 V conforming to UL |

Complementary

|                                             |                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------|
| network frequency                           | 0...400 Hz                                                                                   |
| Mounting support                            | Plate, with specific accessories<br>Rail, with specific accessories<br>Under contactor       |
| Tripping threshold                          | 1.14 +/- 0.06 Ir conforming to IEC 60947-4-1                                                 |
| Auxiliary contact composition               | 1 NO + 1 NC                                                                                  |
| [Ith] conventional free air thermal current | 5 A for signalling circuit                                                                   |
| Permissible current                         | 0.72 A at 500 V AC-15 for signalling circuit<br>0.06 A at 440 V DC-13 for signalling circuit |
| [Ue] rated operational voltage              | 1000 V AC 0...400 Hz for power circuit conforming to IEC 60947-4-1                           |
| Associated fuse rating                      | 4 A gG for signalling circuit<br>4 A BS for signalling circuit                               |
| [Uimp] rated impulse withstand voltage      | 6 kV conforming to IEC 60947-1                                                               |
| Phase failure sensitivity                   | Tripping current 130 % of Ir on two phase, the last one at 0                                 |
| Control type                                | Red push-button: stop<br>Blue push-button: reset                                             |
| Temperature compensation                    | -20...60 °C                                                                                  |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections - terminals | Power circuit: screw clamp terminals 1 cable(s) 4...35 mm² flexible without cable end<br>Power circuit: screw clamp terminals 1 cable(s) 4...35 mm² flexible with cable end<br>Power circuit: screw clamp terminals 1 cable(s) 4...35 mm² solid without cable end<br>Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm² flexible without cable end<br>Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm² flexible with cable end<br>Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm² solid without cable end |
| Tightening torque       | Control circuit: 1.7 N.m - on screw clamp terminals<br>Power circuit: 9 N.m - on screw clamp terminals                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Height                  | 81 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Width                   | 70 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Depth                   | 115 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Net weight              | 0.51 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Environment

|                                       |                                                                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Climatic withstand                    | conforming to IACS E10                                                                                                                                               |
| IP degree of protection               | IP20 conforming to IEC 60529                                                                                                                                         |
| Ambient air temperature for operation | -20...60 °C without derating conforming to IEC 60947-4-1                                                                                                             |
| Ambient air temperature for storage   | -60...70 °C                                                                                                                                                          |
| Flame retardance                      | V1 conforming to UL 94                                                                                                                                               |
| Mechanical robustness                 | Vibrations: 6 Gn conforming to IEC 60068-2-6<br>Shocks: 15 Gn for 11 ms conforming to IEC 60068-2-7                                                                  |
| Dielectric strength                   | 2.2 kV at 50 Hz conforming to IEC 60947-1                                                                                                                            |
| Standards                             | EN/IEC 60947-4-1<br>EN/IEC 60947-5-1<br>UL 60947-4-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-4-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.4<br>GB/T 14048.5<br>EN 50495 |
| Product certifications                | IEC<br>UL<br>CSA<br>CCC<br>EAC<br>ATEX INERIS<br>UKCA                                                                                                                |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 8.000 cm  |
| Package 1 Width              | 12.000 cm |
| Package 1 Length             | 8.500 cm  |
| Package 1 Weight             | 490.000 g |
| Unit Type of Package 2       | S02       |
| Number of Units in Package 2 | 12        |
| Package 2 Height             | 15.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |

|                              |            |
|------------------------------|------------|
| Package 2 Weight             | 6.220 kg   |
| Unit Type of Package 3       | P06        |
| Number of Units in Package 3 | 192        |
| Package 3 Height             | 75.000 cm  |
| Package 3 Width              | 60.000 cm  |
| Package 3 Length             | 80.000 cm  |
| Package 3 Weight             | 109.860 kg |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

## Certifications & Standards

|                          |                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                           |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>                                                            |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                               |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                     |

Relais thermique  
Thermal overload relay  
Relais  
Relé  
Rele

Relé  
Реле защиты от  
тепловой перегрузки  
热过载继电器

www.se.com



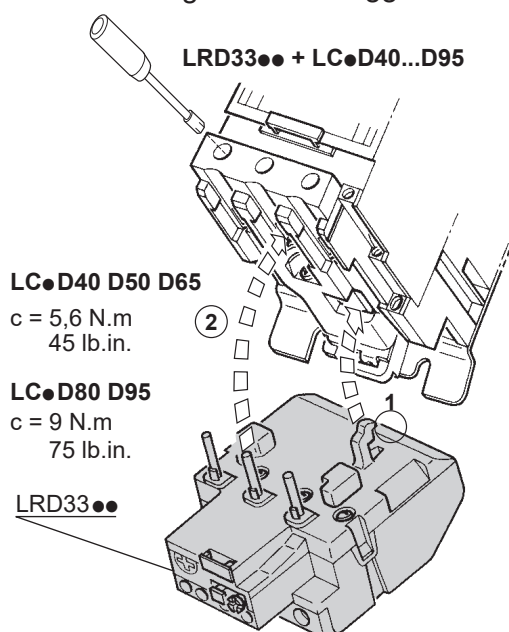
1672619

Montage direct  
Direct mounting

Direkte Montage  
Montaggio diretto

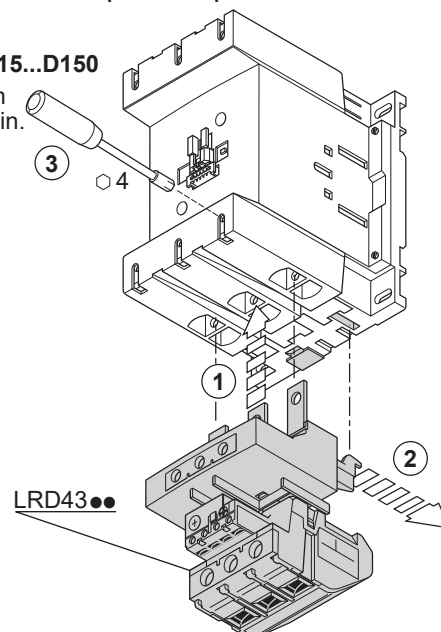
Montaje bajo contactor  
直接安装

Montagem directa  
Прямое крепление

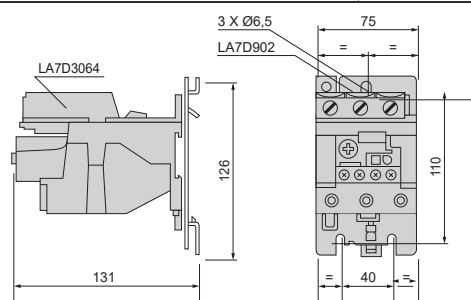


LRD43... + LC...D115...D150

c = 12 N.m  
100 lb.in.



Montage séparé  
Separate mounting  
Einzel Aufstellung  
Montaggio separato  
Montaje separado  
Montagem separada  
Отдельное крепление  
单独安装  
inches = mm x 0.0394



**DANGER / DANGER / PELIGRO / GEFAHR /  
PERICOLO / PERIGO / ОПАСНОСТЬ / 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 ÉLECTRIQUE**

Coupez toutes les alimentations avant de travailler sur cet appareil.  
**Si ces directives ne sont pas respectées, cela entraînera la mort ou des blessures graves.**

**PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O ARCO ELÉCTRICO**  
Desconecte todas las alimentaciones antes de manipular el producto.  
**El incumplimiento de estas instrucciones podrá causar la muerte o lesiones serias.**

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

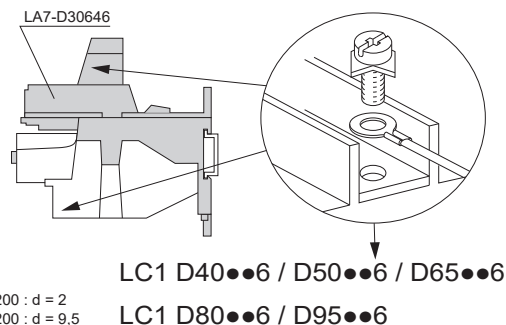
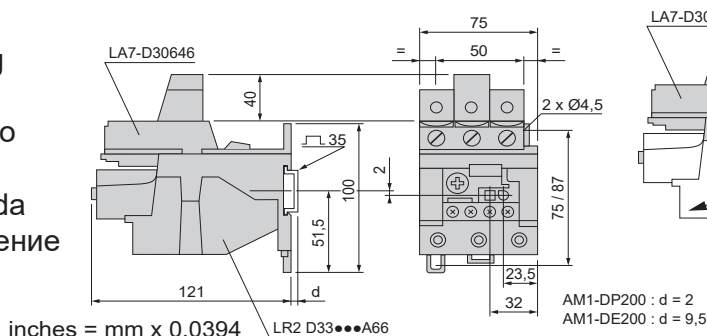
**RISCHIO DI SCARICA ELETTRICA, ESPLOSIONE O ARCO ELETTRICO**  
Scollegare l'apparecchio da tutti i circuiti di alimentazione prima di qualsiasi intervento.  
**Il mancato rispetto di queste istruzioni provocherà morte o gravi infortuni.**

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

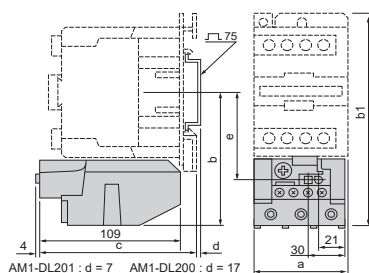
**ОПАСНОСТЬ ПОРАЖЕНИЯ ЭЛЕКТРИЧЕСКИМ ТОКОМ, ВЗРЫВОМ или ВОЗНИКНОВЕНИЯ ДУГИ**  
Перед обслуживанием или ремонтом убедитесь, что питание отключено.  
**Несоблюдение этих инструкций приведет к смерти или серьезной травме.**

**电击、爆炸或电弧闪光危险**  
在此电力设备上进行操作时，请先断开所有电源。  
**不遵循上述说明将导致人员伤亡。**

Montage séparé  
Separate mounting  
Einzel Aufstellung  
Montaggio separato  
Montaje separado  
Montagem separada  
Отдельное крепление  
单独安装

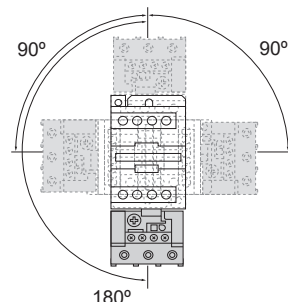


## LRD33 ..

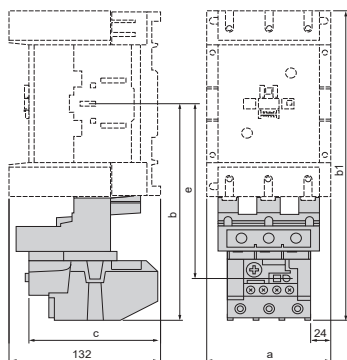


| LC1 + LRD33•• |                   |       |       |        |                   |       |       |
|---------------|-------------------|-------|-------|--------|-------------------|-------|-------|
| ---           | D40<br>D50<br>D65 | D80   | D95   | LP1    | D40<br>D50<br>D65 | D80   | D95   |
| b             | 111               | 115,5 | 115,5 | b      | 111               | 115,5 | 115,5 |
| b1            | 175               | 180   | 180   | b1     | 175               | 180   | 180   |
| c             | 119               | 123,5 | 123,5 | c      | 176               | 179,4 | 179,4 |
|               | 72,4              | 76,9  | 76,9  | e      | 72,4              | 76,9  | 76,9  |
| a (3P)        | 74,5              | 79,5  | 79,5  | a (3P) | 74,5              | 79,5  | 79,5  |
| a (4P)        | 79,5              | 85    | —     | a (4P) | 79,5              | 85    | —     |

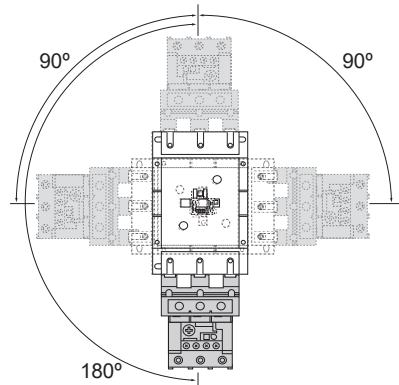
inches = mm x 0.0394



## LRD43 ..



| LC1 + LRD43.. |            |        |            |
|---------------|------------|--------|------------|
| LC1           | D115 / 150 | LC1    | D115 / 150 |
| b             | 189        | e      | 150        |
| b1            | 267        | a (3P) | 120        |
| c             | 102        | a (4P) | 155        |



**⚠ ⚠ WARNING / Avertissement / Advertencia / Warning / Avvertenza / Atenção / Предупреждение / 警告**

**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.**

**RISQUE D'INCENDIE OU D'ELECTROCUTION (POUR LE CONTACTEUR AYANT DES COURANTS DE COURT-CIRCUIT ASSIGNES UL TRES ELEVES UNIQUEMENT)**

- L'ouverture du dispositif de protection du circuit de dérivation peut indiquer qu'un courant de défaut a été interrompu.
  - Pour réduire le risque d'incendie ou d'électrocution, les parties sous tension et les autres composants du contrôleur doivent être examinés et remplacés en cas de dommage.
- Si ces directives ne sont pas respectées, cela peut entraîner la mort ou des blessures graves ou des dommages matériels.**

**RIESGO DE INCENDIO O ELECTROCUCIÓN (SOLO PARA EL CONTACTOR CON CORRIENTES DE CORTOCIRCUITO ASIGNADAS UL MUY ELEVADAS)**

- La abertura del dispositivo de protección del circuito de derivación puede indicar que una corriente de fallo ha sido interrumpida.
  - Para reducir el riesgo de incendio o electrocución, las partes bajo tensión y los demás componentes del circuito deben ser examinados y sustituidos en caso de dañarse.
- El incumplimiento de estas instrucciones puede causar la muerte, lesiones serias o daño al equipo.**

**BRAND- ODER STROMSCHLAGGEFAHR (NUR BEI SCHALTERN MIT KURZSCHLUSSFESTIGKEIT BEI HOHEM FEHLERSTROM NACH UL-STANDARD)**

- Das Öffnen der Schutzvorrichtung des Zweigstromkreises kann ein Hinweis darauf sein, dass ein Fehlerstrom unterbrochen wurde.
  - Um die Brand- oder Stromschlaggefahr zu mindern, sollten stromführende Bauteile sowie die anderen Komponenten des Steuergeräts überprüft und bei Beschädigung ausgetauscht werden.
- Die Nichtbeachtung dieser Anweisungen kann Tod, schwere Verletzungen oder Sachschäden zur Folge haben.**

**RISCHIO DI INCENDIO O SCARICA ELETTRICA (SOLO PER CONTATTORE CERTIFICATO UL CON SCCL AD ALTA CORRENTE DI GUASTO)**

- L'apertura del dispositivo di protezione del circuito derivato può indicare un'interruzione della corrente di guasto.
  - Per ridurre il rischio di incendio o scarica elettrica, è necessario esaminare le parti in cui al momento passa la corrente e gli altri componenti del controllore e sostituirli se sono danneggiati.
- Il mancato rispetto di queste istruzioni può provocare morte, gravi infortuni o danni alle apparecchiature.**

**RISCO DE INCÊNDIO OU ELETROCUSSÃO (PARA CONTADORES COM ALTO VALOR NOMINAL DE CORRENTE DE CURTO-CIRCUITO DE FALTA UNICAMENTE)**

- A abertura do dispositivo de proteção do circuito derivado pode ser uma indicação de que uma corrente de falta foi interrompida.
  - Para reduzir o risco de incêndio ou eletrocussão, as partes condutoras de corrente e os outros componentes do controlador devem ser examinados e substituídos se estiverem deteriorados.
- A não observância destas instruções pode provocar a morte, ferimentos graves, ou danos ao equipamento.**

**ОПАСНОСТЬ ВОЗНИКНОВЕНИЯ ПОЖАРА ИЛИ УДАРА ЭЛЕКТРИЧЕСКИМ ТОКОМ  
(ТОЛЬКО ДЛЯ КОНТАКТОРОВ С ВЫСОКИМ НОМИНАЛОМ ТОКА КОРОТКОГО  
ЗАМЫКАНИЯ СОГЛАСНО UL)**

- Срабатывание разделителя устройства защитного отключения групповой цепи может являться признаком наличия тока утечки.
  - Для снижения риска возникновения пожара или поражения электрическим током токоведущие части и другие детали контроллера следует регулярно проверять и заменять в случае повреждения.
- Несоблюдение этих инструкций может привести к смерти, серьезной травме или повреждению оборудования.**

**有火灾或电弧灼伤危险 (仅当继电器发生超高故障短路电流时)**

- 分支电流保护装置断开可能表明某故障电流已被切断。
  - 为减少火灾或电弧烧伤的危险，应经常检查和更换（如损坏）控制器的带电部分及其它部件。
- 不遵循上述说明可能导致人员伤亡或设备损坏。**

Raccordement mini ... maxi  
Wiring min ... max  
Anschlüsse min ... max

Conessione min ... max  
Capacidad de conexi3n min ... max  
接线最细...最粗

Liga33o m3n ... m3x  
Проводка мин...макс

|                     |                     |                             |                     |                         |           |                     |                     |                         |    |   |                   |   |                     |
|---------------------|---------------------|-----------------------------|---------------------|-------------------------|-----------|---------------------|---------------------|-------------------------|----|---|-------------------|---|---------------------|
|                     |                     |                             |                     |                         |           |                     |                     |                         |    |   |                   |   |                     |
| [ mm <sup>2</sup> ] | [ mm <sup>2</sup> ] | [ mm <sup>2</sup> ]         | [ mm <sup>2</sup> ] | AWG                     | AWG       | [ mm <sup>2</sup> ] | [ mm <sup>2</sup> ] | [ mm ]                  |    |   |                   |   |                     |
|                     | 4 ... 35            | —                           | 4 ... 50            | —                       | 10 ... 0  | 10 ... 4            | 4 ... 50            | —                       | 16 | 4 | 9 N.m<br>75 lb.in | 8 | 5,6 N.m<br>45 lb.in |
|                     | 1 ... 4             | 1 ... 2,5<br>+<br>1 ... 2,5 | 1 ... 4             | 1 ... 4<br>+<br>1 ... 4 | 18 ... 12 | 16 ... 14           | 1 ... 4             | 1 ... 4<br>+<br>1 ... 4 | 8  |   |                   | 6 | 1,2 N.m<br>10 lb.in |

Test du câblage de commande (simulation déclenchement)  
Control circuit test (trip test)  
Test Steuerstromkreis (Auslösesimulation)  
Prova di cablaggio del circuito di comando (simulazione sgancio)  
Verification del cableado del circuito de mando (simulacion disparo)  
Teste da cablagem de comando  
Тест цепи управления (тестирование отключения)  
控制电路测试 (脱扣测试)

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 Part Name   | 有毒有害物质或元素 / Toxic or hazardous Substances and Elements |        |        |                         |            |             |
|------------------|--------------------------------------------------------|--------|--------|-------------------------|------------|-------------|
|                  | 铅 (Pb)                                                 | 汞 (Hg) | 镉 (Cd) | 六价铬 (Cr <sup>6+</sup> ) | 多溴联苯 (PBB) | 多溴二苯醚(PBDE) |
| 金属部件 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技术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.

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                             |                                                                                                                                                                                                                    |                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) )                                                                                               |

W9 1511318 0111 A10

3/4

- ① Réglage du relais  
Overload adjustment  
Einstellung des Relais  
Regolazione del relé  
Regulación del rele  
Regulação do relé  
Регулировка перегрузки  
过载调节
- ② Verrouillage du réglage (capot plombable)  
Sealed adjustment (sealing cover)  
Einstellung abdeckbar (plombierbarer Deckel)  
Blocco della regolazione (sportello piombabile)  
Precintado de la regulación (capó de precintado)  
Encravamento da regulação (tampa selável)  
Регулировка блокировки (крышка)  
密封调节 (密封盖)
- ③ Réarmement manuel et auto (capot plombable)  
Manual-auto reset (sealing cover)  
Position Rückstellung Hand-Auto  
(blockierbar durch plombierbaren Deckel)  
Riarmo manuale ed automatico (sportello piombabile)  
Rearme manual y auto (capó de precintado)  
Rearme manual e automatico (tampa selável)  
Сброс режима ручной-автоматический (крышка)  
手动-自动复位 (密封盖)
- ④ Témoin de déclenchement  
Trip indicator  
Auslöseanzeige  
Testimone di sgancio  
Testigo de disparo  
Testemunho de disparo  
Индикатор отключения  
脱扣指示
- ⑤ Fonction réarmement  
Reset function  
Funktion Rückstellung  
Funzione riarmo  
Funcion rearme  
Função rearme  
Функция сброса  
复位功能
- ⑥ Fonction arrêt  
Stop function  
Funktion Stop  
Funzione arresto  
Funcion parada  
Função paragem  
Функция остановки  
停止功能
- ⑦ Verrouillage Arrêt  
Locking device for stop button  
Verriegelung Stop  
Blocco della funzione arresto  
Precintado parada  
Encravamento paragem  
Блокировочное устройство кнопки остановки  
停止按钮锁定装置

