

生産終了予定商品

電磁ロック・セーフティドアスイッチ



形D4BLシリーズ一部商品



推奨代替商品

小形電磁ロック・セーフティドアスイッチ

形D4NLシリーズ

2012年3月末生産終了予定

推奨代替商品をご利用いただいた場合の注意点

- ・ 外観／外形寸法／取付寸法が異なります。
- ・ 定格性能／動作特性が異なります。

生産終了予定商品との相違点

| 形 式 | 本体の色 | 外形寸法 | 配線接続 | 取付寸法 | 定格性能 | 動作特性 | 操作方法 |
|-----------|------|------|------|------|------|------|------|
| 形D4NLシリーズ | × | × | × | × | × | × | ○ |

◎：完全互換

○：ほとんど変更ありません／相似性の高い変更



×：変更大

-：該当する仕様がありません

生産終了予定商品と推奨代替商品

| 生産終了予定商品 | 推奨代替商品 | 標準価格(¥) |
|--------------|--------------|---------|
| 形D4BL-1CRB | 形D4NL-1AFA-B | 12,400 |
| 形D4BL-1CRB-A | 形D4NL-1AFA-B | 12,400 |
| 形D4BL-1DRB | 形D4NL-1CFA-B | 12,400 |
| 形D4BL-1DRB-A | 形D4NL-1CFA-B | 12,400 |
| 形D4BL-2CRB | 形D4NL-2AFA-B | 12,400 |
| 形D4BL-2CRB-A | 形D4NL-2AFA-B | 12,400 |
| 形D4BL-2DRB | 形D4NL-2CFA-B | 12,400 |
| 形D4BL-2DRB-A | 形D4NL-2CFA-B | 12,400 |
| 形D4BL-3CRA | 形D4NL-4AFA-B | 12,400 |
| 形D4BL-3CRA-A | 形D4NL-4AFA-B | 12,400 |
| 形D4BL-3DRA | 形D4NL-4CFA-B | 12,400 |
| 形D4BL-3DRA-A | 形D4NL-4CFA-B | 12,400 |
| 形D4BL-3CRB | 形D4NL-4AFA-B | 12,400 |
| 形D4BL-3CRB-A | 形D4NL-4AFA-B | 12,400 |
| 形D4BL-3DRB | 形D4NL-4CFA-B | 12,400 |
| 形D4BL-3DRB-A | 形D4NL-4CFA-B | 12,400 |
| 形D4BL-3CRG | 形D4NL-4AFG-B | 13,300 |
| 形D4BL-3CRG-A | 形D4NL-4AFG-B | 13,300 |
| 形D4BL-3DRG | 形D4NL-4CFG-B | 13,300 |
| 形D4BL-3DRG-A | 形D4NL-4CFG-B | 13,300 |
| 形D4BL-4CRB | 形D4NL-4AFA-B | 12,400 |
| 形D4BL-4CRB-A | 形D4NL-4AFA-B | 12,400 |
| 形D4BL-4DRB | 形D4NL-4CFA-B | 12,400 |
| 形D4BL-4DRB-A | 形D4NL-4CFA-B | 12,400 |

本体の色

| 生産終了予定商品 形D4BLシリーズ | 推奨代替商品 形D4NLシリーズ |
|---|---|
|  |  |

外形寸法／取付寸法

| 生産終了予定商品 形D4BLシリーズ | 推奨代替商品 形D4NLシリーズ |
|-----------------------|---------------------|
| | |

配線

| 生産終了予定商品 形D4BLシリーズ | 推奨代替商品 形D4NLシリーズ |
|--|--|
| <ul style="list-style-type: none"> ●適正リード線サイズ AWG20~14 (0.5~2.5mm²) ●推奨圧着端子サイズ 指定なし | <p>AWG20~18 (0.5~0.75mm²)</p> |

定格／性能

| 生産終了予定商品 形D4BLシリーズ | 推奨代替商品 形D4NLシリーズ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|--------------------|--------------|--------------|-------|-------|-------------|----|----|-------------|------|------|------|------|--------|--|--------------|--|----|-----|----|-----|------------------|-----|----------|--------|-------|-----|--|--------------|--------------|-----------------|--------------------|--------------------|------|-------|-------|-------|------------------|------------------|--|--------------|-----------------|-------------|------|------|-------|------------------|--|--------|-------|-------|-------------|----|-------|-------------|------|------|------|------|--------|--|--------------|--|----|-----|----|-----|------------------|-----|----------|--------|-------|-----|------|------|--------|--|--------------|--|----|-----|----|-----|------------------|------|--------------|--------------|----|----|--|--------------|--------------|-----------------|--------------------|--------------------|------|-------|-------|-------|------------------|------------------|
| <p>● 電氣的耐久性 50万回以上 (AC250V 10A 抵抗負荷)</p> <p>● TÜV認証定格</p> <table border="1"> <thead> <tr> <th></th> <th>表示灯なし</th> <th>表示灯あり</th> </tr> </thead> <tbody> <tr> <td>使用カテゴリ</td> <td>AC-15</td> <td>AC-15</td> </tr> <tr> <td>定格作動電流 (Ie)</td> <td>3A</td> <td>6A</td> </tr> <tr> <td>定格作動電圧 (Ue)</td> <td>250V</td> <td>115V</td> </tr> </tbody> </table> <p>● UL/CSA認証定格 A300</p> <table border="1"> <thead> <tr> <th rowspan="2">定格電圧</th> <th rowspan="2">通電電流</th> <th colspan="2">電流 (A)</th> <th colspan="2">ボルトアンペア (VA)</th> </tr> <tr> <th>投入</th> <th>しゃ断</th> <th>投入</th> <th>しゃ断</th> </tr> </thead> <tbody> <tr> <td>AC120V AC240V</td> <td>10A</td> <td>60 30</td> <td>6 3</td> <td>7,200</td> <td>720</td> </tr> </tbody> </table> <p>● 電磁コイル特性</p> <table border="1"> <thead> <tr> <th></th> <th>形D4BL-□□RA-□</th> <th>形D4BL-□□RG-□</th> </tr> </thead> <tbody> <tr> <td>定格動作電圧 (100%ED)</td> <td>DC24V +10%/-15%</td> <td>DC24V +10%/-15%</td> </tr> <tr> <td>消費電流</td> <td>300mA</td> <td>300mA</td> </tr> <tr> <td>絶縁クラス</td> <td>Class F (~130°C)</td> <td>Class F (~130°C)</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th></th> <th>形D4BL-□□RB-□</th> </tr> </thead> <tbody> <tr> <td>定格動作電圧 (100%ED)</td> <td>AC110V ±10%</td> </tr> <tr> <td>消費電流</td> <td>98mA</td> </tr> <tr> <td>絶縁クラス</td> <td>Class F (~130°C)</td> </tr> </tbody> </table> | | 表示灯なし | 表示灯あり | 使用カテゴリ | AC-15 | AC-15 | 定格作動電流 (Ie) | 3A | 6A | 定格作動電圧 (Ue) | 250V | 115V | 定格電圧 | 通電電流 | 電流 (A) | | ボルトアンペア (VA) | | 投入 | しゃ断 | 投入 | しゃ断 | AC120V AC240V | 10A | 60 30 | 6 3 | 7,200 | 720 | | 形D4BL-□□RA-□ | 形D4BL-□□RG-□ | 定格動作電圧 (100%ED) | DC24V +10%/-15% | DC24V +10%/-15% | 消費電流 | 300mA | 300mA | 絶縁クラス | Class F (~130°C) | Class F (~130°C) | | 形D4BL-□□RB-□ | 定格動作電圧 (100%ED) | AC110V ±10% | 消費電流 | 98mA | 絶縁クラス | Class F (~130°C) | <p>50万回以上 (AC250V 3A 抵抗負荷) *2回路以上通電不可</p> <table border="1"> <thead> <tr> <th>使用カテゴリ</th> <th>AC-15</th> <th>DC-13</th> </tr> </thead> <tbody> <tr> <td>定格作動電流 (Ie)</td> <td>3A</td> <td>0.27A</td> </tr> <tr> <td>定格作動電圧 (Ue)</td> <td>240V</td> <td>250V</td> </tr> </tbody> </table> <p>A300</p> <table border="1"> <thead> <tr> <th rowspan="2">定格電圧</th> <th rowspan="2">通電電流</th> <th colspan="2">電流 (A)</th> <th colspan="2">ボルトアンペア (VA)</th> </tr> <tr> <th>投入</th> <th>しゃ断</th> <th>投入</th> <th>しゃ断</th> </tr> </thead> <tbody> <tr> <td>AC120V AC240V</td> <td>10A</td> <td>60 30</td> <td>6 3</td> <td>7,200</td> <td>720</td> </tr> </tbody> </table> <p>Q300</p> <table border="1"> <thead> <tr> <th rowspan="2">定格電圧</th> <th rowspan="2">通電電流</th> <th colspan="2">電流 (A)</th> <th colspan="2">ボルトアンペア (VA)</th> </tr> <tr> <th>投入</th> <th>しゃ断</th> <th>投入</th> <th>しゃ断</th> </tr> </thead> <tbody> <tr> <td>DC125V DC250V</td> <td>2.5A</td> <td>0.55 0.27</td> <td>0.55 0.27</td> <td>69</td> <td>69</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th></th> <th>形D4NL-□□FA-B</th> <th>形D4NL-□□FG-B</th> </tr> </thead> <tbody> <tr> <td>定格動作電圧 (100%ED)</td> <td>DC24V +10%/-15%</td> <td>DC24V +10%/-15%</td> </tr> <tr> <td>消費電流</td> <td>200mA</td> <td>200mA</td> </tr> <tr> <td>絶縁クラス</td> <td>Class F (~130°C)</td> <td>Class F (~130°C)</td> </tr> </tbody> </table> | 使用カテゴリ | AC-15 | DC-13 | 定格作動電流 (Ie) | 3A | 0.27A | 定格作動電圧 (Ue) | 240V | 250V | 定格電圧 | 通電電流 | 電流 (A) | | ボルトアンペア (VA) | | 投入 | しゃ断 | 投入 | しゃ断 | AC120V AC240V | 10A | 60 30 | 6 3 | 7,200 | 720 | 定格電圧 | 通電電流 | 電流 (A) | | ボルトアンペア (VA) | | 投入 | しゃ断 | 投入 | しゃ断 | DC125V DC250V | 2.5A | 0.55 0.27 | 0.55 0.27 | 69 | 69 | | 形D4NL-□□FA-B | 形D4NL-□□FG-B | 定格動作電圧 (100%ED) | DC24V +10%/-15% | DC24V +10%/-15% | 消費電流 | 200mA | 200mA | 絶縁クラス | Class F (~130°C) | Class F (~130°C) |
| | 表示灯なし | 表示灯あり | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 使用カテゴリ | AC-15 | AC-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格作動電流 (Ie) | 3A | 6A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格作動電圧 (Ue) | 250V | 115V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格電圧 | 通電電流 | 電流 (A) | | ボルトアンペア (VA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 投入 | しゃ断 | 投入 | しゃ断 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC120V AC240V | 10A | 60 30 | 6 3 | 7,200 | 720 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 形D4BL-□□RA-□ | 形D4BL-□□RG-□ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格動作電圧 (100%ED) | DC24V +10%/-15% | DC24V +10%/-15% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 消費電流 | 300mA | 300mA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 絶縁クラス | Class F (~130°C) | Class F (~130°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 形D4BL-□□RB-□ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格動作電圧 (100%ED) | AC110V ±10% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 消費電流 | 98mA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 絶縁クラス | Class F (~130°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 使用カテゴリ | AC-15 | DC-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格作動電流 (Ie) | 3A | 0.27A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格作動電圧 (Ue) | 240V | 250V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格電圧 | 通電電流 | 電流 (A) | | ボルトアンペア (VA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 投入 | しゃ断 | 投入 | しゃ断 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC120V AC240V | 10A | 60 30 | 6 3 | 7,200 | 720 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格電圧 | 通電電流 | 電流 (A) | | ボルトアンペア (VA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 投入 | しゃ断 | 投入 | しゃ断 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DC125V DC250V | 2.5A | 0.55 0.27 | 0.55 0.27 | 69 | 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 形D4NL-□□FA-B | 形D4NL-□□FG-B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格動作電圧 (100%ED) | DC24V +10%/-15% | DC24V +10%/-15% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 消費電流 | 200mA | 200mA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 絶縁クラス | Class F (~130°C) | Class F (~130°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

動作特性

| 生産終了予定商品 形D4BLシリーズ | 推奨代替商品 形D4NLシリーズ |
|--|---|
| 操作キー挿入力 : 最大19.61N 操作キー引抜力 : 最大19.61N 動作までの動き : 最大15mm 全体の動き : 最小23mm | 操作キー挿入力 : 最大15N 操作キー引抜力 : 最大30N 動作までの動き : 最大9mm ロックまでの動き : 最小3mm |

2011年9月現在

お断りなく仕様・標準価格などを変更することがありますので、ご了承ください。