

Catalog Correction Notice

Catalog

July 2, 2012

No. 2012184E

The mistake of the print and the description is found in the catalog that our company issued. It apologizes.

[Name of catalog]

“Guard Lock Safety-door Switch D4SL-N Catalog”

< Publication in April, 2012 > < Catalog number C146-E1-01>

[Page of publishing]

Page 1	Features
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Page 20,21	Application Example

[Correction method]

We correct it.

[Content of correction]

Before	After
<p>Page 1 Features</p> <p>It is uncertain what is subject to “reduction”. The solenoid current is reduced significantly compared to D4SL, but is equal to those of other existing models. (The solenoid current of 6-contact model is increased.)</p> <p><Guard Lock Safety-door Switch D4SL-N></p> <ul style="list-style-type: none">• Wiring time is reduced with two types of wiring methods capable of one-touch attachment and removal.• A wide variety of built-in switches can be used for various devices. (4-, 5-, and 6-contact models are available)• Key holding force of 1,300 N.• It is possible to change the key insertion point without detaching the head.• Significantly reduced solenoid current contributes to the reduction of power supply cost.	<p>The solenoid can be driven directly from the Controller.</p>

Before	After
<p>Page 12 Circuit Connection Example The circuit diagram of the Connection Example for D4SL-N□SF□-□ is difficult to understand.</p> <p>Connection Example for D4SL-N□SF□-□</p>  <pre> graph LR E1((E1)) --> S1[Door open/closed detection switch] E2((E2)) --> S1 S1 --> E1 E3((E3)) --> S2[Lock monitor switch] E4((E4)) --> S2 S2 --> E3 E5((E5)) --> S3[] E6((E6)) --> S3 S3 --> E5 E7((E7)) --> S4[] E8((E8)) --> S4 S4 --> E7 S1 --> E1 S2 --> E3 S3 --> E5 S4 --> E7 E1 --> AND1((AND)) E3 --> AND1 E5 --> AND1 E7 --> AND1 AND1 --> C1[To control circuit] AND1 --> S1[To safety circuit] C1 --> C2[To control circuit] C2 --> C3[To control circuit] </pre>	<p>Explanations are added and the circuit diagram is corrected.</p>

Before	After																										
<p>Page 20, 21 Application Example PL/Safety Category is not described.</p> <p>Application Example</p> <p>G95A-301-TD (24VAC/VDC) +D4SL-N□R□A-□ (Mechanical Lock Type) / Manual Reset</p> <p>Timing Chart</p> <table border="1"> <tr><td>Limit switch S1</td><td>Guard opens</td></tr> <tr><td>Guard lock Safety-lock Switch Str</td><td></td></tr> <tr><td>Lock release signal S4</td><td>Guard can be opened</td></tr> <tr><td>Stop signal</td><td></td></tr> <tr><td>Reset switch Str</td><td></td></tr> <tr><td>K1 and K2 (NC)</td><td></td></tr> <tr><td>K1 and K2 (NO)</td><td></td></tr> <tr><td>K3 and K4 (NC)</td><td></td></tr> <tr><td>K3 and K4 (NO)</td><td></td></tr> <tr><td>K5 and K6 (NC)</td><td></td></tr> <tr><td>K5 and K6 (NO)</td><td></td></tr> <tr><td>Operation instruction</td><td></td></tr> <tr><td>Motor rotation</td><td>Off-delay time</td></tr> </table> <p>Note: 1. The above circuit diagram is for Category 3. 2. Numbers inside the boxes are terminal numbers printed on the product.</p>	Limit switch S1	Guard opens	Guard lock Safety-lock Switch Str		Lock release signal S4	Guard can be opened	Stop signal		Reset switch Str		K1 and K2 (NC)		K1 and K2 (NO)		K3 and K4 (NC)		K3 and K4 (NO)		K5 and K6 (NC)		K5 and K6 (NO)		Operation instruction		Motor rotation	Off-delay time	<p>PL/Safety Category and other information are added.</p>
Limit switch S1	Guard opens																										
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Lock release signal S4	Guard can be opened																										
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Motor rotation	Off-delay time																										
<p>G95A-301 (24 VAC/VDC)+D4SL-N□O□G-□ (Solenoid Lock Type) / Auto-reset</p> <p>Timing Chart</p> <table border="1"> <tr><td>Lock signal</td><td>Guard opens</td></tr> <tr><td>Operation signal</td><td></td></tr> <tr><td>Lock signal</td><td></td></tr> <tr><td>Operation signal</td><td></td></tr> <tr><td>K1 and K2 (NC)</td><td></td></tr> <tr><td>K1 and K2 (NO)</td><td></td></tr> <tr><td>K3 and K4 (NC)</td><td></td></tr> <tr><td>K3 and K4 (NO)</td><td></td></tr> <tr><td>K5 and K6 (NC)</td><td></td></tr> <tr><td>K5 and K6 (NO)</td><td></td></tr> </table> <p>Note: 1. This circuit diagram is for Category 4. 2. The lock can be released at any time. Therefore, do not use this model with a solenoid lock in applications where the operator may be exposed to danger when the guard opens. Use a model with a mechanical lock. 3. Numbers inside the boxes are terminal numbers printed on the product.</p>	Lock signal	Guard opens	Operation signal		Lock signal		Operation signal		K1 and K2 (NC)		K1 and K2 (NO)		K3 and K4 (NC)		K3 and K4 (NO)		K5 and K6 (NC)		K5 and K6 (NO)								
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As of July, 2012

In the interest of product improvement, specifications are subject to change without notice.