

1318034



Product Service

CERTIFICATE

No. B 14 03 39656 267

Holder of Certificate: **Omron Corporation**

Shiokoji Horikawa, Shimogyo-ku
Kyoto
600-8530 JAPAN

Production Facility(ies):
85853, 87327

Certification Mark:



Product: **Limit Switches
Limit Switch with / without Direct Opening Action**

Model(s): **D4N II-III IV V VI-VII
(See Attachment 1 for Nomenclature)**

Parameters:

AC:	240 VAC / 3A, 50-60 Hz (AC-15)
DC:	250 VDC / 0.27A (DC-13)
	See Suffix VII of attached nomenclature
Protection class:	II
Protection degree:	IP67 (IP65 for D4NA series only)
Pollution degree:	3
Overvoltage category:	III
Conditional Short Circuit Current:	100 A
Electrical durability:	150000 Cycles
Mechanical durability:	10000000 Cycles
	See Suffix V of attached nomenclature

Remark:
When installing/inserting the equipment all requirements of the mentioned test standard must be fulfilled.

Tested according to: EN 60947-5-1/A1:2009

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 73508741-12

Date, 2014-03-11


(Shigehisa Ishikawa)



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TYPE NOMENCLATURE:

$\frac{D4N}{I}$ $\frac{A}{II}$ - $\frac{1}{III}$ $\frac{A}{IV}$ $\frac{21}{V}$ $\frac{R}{VI}$ - $\frac{\#}{VII}$

- I: Basic type
- II: With or without lever shaft for door hinge
 - Blank: Without lever shaft
 - A: Without lever shaft (for the production in China)
 - H: With lever shaft for door hinge
- III: Conduit Variation

1:	Pg13.5	(1 Conduit)
2:	G1/2	(1 Conduit)
3:	1/2-14NPT	(1 Conduit)
4:	M20	(1 Conduit)
5:	Pg13.5	(2 Conduit)
6:	G1/2	(2 Conduit)
7:	1/2-14NPT	(2 Conduit)
8:	M20	(2 Conduit)
9:	M12	(1 Conduit, with Plug)
A:	M12	(2 Conduit, with Plug)
B:	M12	(1 Conduit, with Connector)
C:	M12	(2 Conduit, with Connector)
- IV: Switch Mechanism

1:	1NC/ 1NO	(Snap action)
2:	2NC	(Snap action)
A:	1NC/ 1NO	(Slow action)
B:	2NC	(Slow action)
C:	2NC/ 1NO	(Slow action)
D:	3NC	(Slow action)
E:	1NC/ 1NO (Make Before Break)	(Slow action)
F:	2NC/ 1NO (Make Before Break)	(Slow action)
G:	2NO	(Slow action)

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V:	Actuator	
20:	Roller lever	(R26, plastic lever, plastic roller)
21:	Adjustable roller lever	(R20 to R65, metal lever, plastic roller)
22:	Roller lever	(R26, metal lever, plastic roller)
23:	Roller lever	(R28, metal lever, plastic roller)
25:	Roller lever	(R26, metal lever, metal roller)
26:	Roller lever	(R26, metal lever, bearing roller)
27:	Adjustable roller lever	(R31 to R65, metal lever, rubber roller)
28:	Adjustable roller lever	(R31 to R80, metal lever, rubber roller)
29:	Rod lever	
2B:	Adjustable roller lever	(R20 to R66, metal lever, plastic roller)
2G:	Adjustable roller lever	(form lock, R20 to R66, metal lever, plastic roller)
2H:	Adjustable roller lever	(form lock, R32 to R66, metal lever, rubber roller)
2J:	Roller lever	(R26, metal lever, plastic long roller)
2L:	Adjustable roller lever	(form lock, R20 to R66, metal lever, metal roller)
31:	Plunger	
32:	Roller plunger	
34:	Metal roller plunger	
62:	One way roller lever	(R20, $\phi 12 \times 5\text{mm}$) (horizontal)
63:	One way roller lever	(horizontal)
64:	One way roller lever	(R14.9, $\phi 14 \times 5\text{mm}$) (horizontal) (See Note 1)
72:	One way roller lever	(vertical)
80:	Wobble lever	
87:	Wobble lever plastic rod	
RE:	Right side, Fork lever lock	(R26, rubber roller)
LE:	Left side, Fork lever lock	(R26, rubber roller)
AS:	Rotary shaft ($\phi 8.5$ hole)	(See Note 2)
AS1:	Rotary shaft ($\phi 6 \times 15\text{mm}$)	(See Note 2)
BC:	Center lever	(See Note 2)

Note 1: Mechanical Durability is 3, 000, 000 operations.

Note 2: Mechanical Durability is 1, 000, 000 operations.

VI: With or without reset button

Blank:	Without reset button
R:	With reset button

VII: Customer code

Blank:	Standard
GP:	Special code for model connected with Connector type XS2W-D421
#:	Customer code (Maximum 6 digit number(s) and /or letter(s) except for GP)

*Note: Rated voltage and current for D4N-9xxx-GP; 120VAC/3A(AC-15), 125VDC/0.22A(DC-13)