ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 18 03 13461 382

Holder of Certificate: **Panasonic Corporation Electromechanical Control Business Division**
1048 Kadoma, Kadoma-Shi
Osaka 571-8686
JAPAN

Production Facility(ies): 17982

Certification Mark:

Product: **Relay, all-or-nothing**
All-or-nothing Electrical Relay

Model(s): **SFS Relay series**
(See Attachment for Nomenclature)

Parameters:

Rated coil voltage:	5Vdc, 6Vdc, 9Vdc, 12Vdc, 16Vdc, 18Vdc, 21Vdc, 24Vdc, 36Vdc, 48Vdc, 60Vdc, 110Vdc, 220Vdc
Contacts:	6A 250Vac (cosØ = 1,0) 6A 30Vdc (0ms) AC-15: 240Vac 2A (cosØ = 0,3) DC-13: 24Vdc 1A (L/R=48ms)
Electrical Endurance:	100000
Mechanical Endurance:	10000000

Remarks:
1. When installing / inserting the equipment, all requirements of the mentioned test standards must be fulfilled.
2. Product type with forcibly guided (linked) contacts.

Tested according to: EN 61810-1:2015
EN 61810-3:2015

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.: 73508262-09
Valid until: 2023-03-19

Date, 2018-03-29 (Yoshio Sato)

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TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

TÜV®

Product Service

Certificate Attachment
Certificate No.

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Nomenclature:

SFS	4	–	L	–	DC24V	–	D	–	XXX
I	II		III		IV		V		VI

I: Series designation
SFS: SF relay slim type

II: Contact configuration
2: 2a2b type 3: 3a1b type 4: 4a2b type
5: 5a1b type 6: 3a3b type

III: Type
Blank: Standard (without LED)
L: with LED
S: RT III (SFS2 and SFS3 only)

IV: Coil voltage
(RT II Type)
DC 5, 6, 9, 12, 16, 18, 21, 24, 36, 48, 60, 110, 220V
(RT III Type)
DC 12, 18, 21, 24, 48V

V: Diode
Blank: Standard (without Diode)
D: with Diode (coil voltage: DC5 - DC110V)

VI: Customer Management Number
XXX: Blank or any alphanumeric character

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