

To: All Customers

Rep No.FEA09102025

September 10, 2025

Fuji Electric FA Components & Systems Co., Ltd.

[Product Discontinuation Notice] Orange Line and Smaller Odyssey Series

Thank you for your continued patronage of Fuji products.
 We would like to notify discontinuation of some of the Fuji Electric's products as described below.
 Please review the following information and take appropriate actions.
 Please inform all related sections of your company.

| | |
|--|---|
| Product name | Magnetic contactors, thermal overload relays, industrial relays, and accessories |
| Series | Orange Line and smaller Odyssey Series |
| Type | <p>Orange Line contactors and thermal overload relays (TOR) basic types</p> <p>AC types: 4NC0A0 (SC-03), 4NC0F0 (SC-0), 4NC0G0 (SC-05), 4NC0Q0 (SC-4-0), 4NC0R0 (SC-4-1), and 4NC0H0 (SC-5-1)</p> <p>DC types: 4GC0A0 (SC-03/G), 4GC0F0 (SC-0/G), 4GC0G0 (SC-05/G), 4GC0Q0 (SC-4-0/G), 4GC0R0 (SC-4-1/G), and 4GC0H0 (SC-5-1/G)</p> <p>TOR: 4NK0A (TK-0N), 4NK0H (TK-5-1N)</p> <p>Odyssey Series contactors and thermal overload relays (TOR) basic types:</p> <p>AC types: 3NC0T0 (SC-N1), 3NC1Q0 (SC-N2), 3NC2F0 (SC-N2S), 3NC2H0 (SC-N3)</p> <p>DC types: 3GC0T0 (SC-N1/G), 3GC1Q0 (SC-N2/G), 3GC2F0 (SC-N2S/G), 3GC2H0 (SC-N3/G)</p> <p>Supermagnet types: 3NC0T0.../SE (SC-N1/SE), 3NC1Q0.../SE (SC-N2/SE), 3NC2H0.../SE (SC-N3/SE)</p> <p>TOR: 3NK1Q (TK-N2), 3NK2H (TK-N3)</p> <p>Orange Line industrial relays basic types:</p> <p>AC types: 4SH4 (SH-4), 4SH5 (SH-5), 4SH8 (SH-8)</p> <p>DC types: 4GH4 (SH-4/G), 4GH5 (SH-5/G), 4GH8 (SH-8/G)</p> <p>* Accessories not affected by discontinuation:</p> <p>Coil-surge suppression units: SZ-Z1, SZ-Z2, SZ-Z3, SZ-Z4, SZ-Z5</p> <p>Three-phase parallel terminal plate: SZ-SP1</p> <p>Fault detector unit: SY-F-A3/M, SY-F-A4/M</p> <p>Thermal dial cover: SZ-DA</p> <p>Thermal overload relay release: SZ-R1, SZ-R2, SZ-R3, SZ-R4, SZ-R5, SZ-R6</p> |
| Reason for discontinuation of production | Discontinuation and streamlining of models to accompany the release of an enhanced lineup of products |
| Replacement models | Refer to Attachment 1 "Replacement Type List" and Attachment 2 "List of new products" |
| Production discontinuation schedule | February 1, 2026 |
| Attachments | Attachment 1 "Replacement Type List" and Attachment 2 "List of new products" |
| Last order date | January 31, 2026 |
| Maintenance parts | There are no maintenance parts. |
| Others | <p>Please refer to webpage link below for detailed information on new SC-NEXT series:</p> <p>SC-NEXT Webpage Link</p> |

[Attachment 1]

Rep No.C15005

September 10 , 2025

Fuji Electric FA Components & Systems Co., Ltd.

Replacement Type List

[Remarks regarding the Replacement]

- 1) The auxiliary contact arrangement from the current product type may differ from the replacement type, so an additional auxiliary contact block may be necessary to fulfill your specified auxiliary contact arrangement.
- 2) Mounting dimensions may differ from the current product to replacement type, depending on the contactor type. For details on adapter plates, refer to Remarks in Attachment 2.
- 3) Thermal overload relay replacement part numbers will be dependent on contactor replacement type.

| Current product type | Replacement type |
|--------------------------|----------------------------|
| 4NC0A0 (SC-03) | SC09XA |
| 4NC0F0 (SC-0) | SC12XA |
| 4NC0G0 (SC-05) | SC12XA |
| 4NC0Q0 (SC-4-0) | SC18XA |
| 4NC0R0 (SC-4-1) | SC20XA |
| 4NC0H0 (SC-5-1) | SC20DA |
| | |
| 4GC0A0 (SC-03/G) | SC09XG |
| 4GC0F0 (SC-0/G) | SC12XG |
| 4GC0G0 (SC-05/G) | SC12XG |
| 4GC0Q0 (SC-4-0/G) | SC18XG |
| 4GC0R0 (SC-4-1/G) | SC20XG |
| 4GC0H0 (SC-5-1/G) | SC20DG |
| | |
| 3NC0T0 (SC-N1) | SC26XA or SC26DA or SC32XA |
| 3NC1Q0 (SC-N2) | SC38XA or SC38DA or SC40XA |
| 3NC2F0 (SC-N2S) | SC50XA |
| 3NC2H0 (SC-N3) | SC65XA |
| | |
| 3GC0T0 (SC-N1/G) | SC26XG or SC26DG or SC32XG |
| 3GC1Q0 (SC-N2/G) | SC38XG or SC38DG or SC40XG |
| 3GC2F0 (SC-N2S/G) | SC50XG |
| 3GC2H0 (SC-N3/G) | SC65XG |
| | |
| 3NC0T0.../SE (SC-N1/SE) | |
| 3NC1Q0.../SE (SC-N2/SE) | SC40XS |
| 3NC2F0.../SE (SC-N2S/SE) | SC50XS |
| 3NC2H0.../SE (SC-N3/SE) | SC65XS |
| | |
| 4SH4 (SH-4 4-pole) | SCH4XA |
| 4SH5 (SH-5) | SCH4XA |
| 4SH8 (SH-4 8-pole) | SCH4XA |
| | |
| 4GH4 (SH-4/G 4-pole) | SCH4XG |
| 4GH5 (SH-5/G) | SCH4XG |
| 4GH8 (SH-4/G 8-pole) | SCH4XG |

SC-NEXT



List of new products

ver.240930

1. Existing products : 4NC0A0 (SC-03)／New products : SC09X
2. Existing products : 4NC0F0 (SC-0)／New products : SC12X
3. Existing products : 4NC0G0 (SC-05)／New products : SC12X
4. Existing products : 4NC0Q0 (SC-4-0)／New products : SC18X
5. Existing products : 4NC0R0 (SC-4-1)／New products : SC20X
6. Existing products : 4NC0H0 (SC-5-1)／New products : SC20D
7. Existing products : 3NC0T0 (SC-N1)／New products : SC26X, SC26D, SC32X
8. Existing products : 3NC1Q0 (SC-N2)／New products : SC38X, SC38D, SC40X
9. Existing products : 3NC2F0 (SC-N2S)／New products : SC50X
10. Existing products : 3NC2H0 (SC-N3)／New products : SC65X
11. Existing products : 4SH4 (SH-4)／New products : SCH4X
12. Existing products : 4SH5 (SH-5)／New products : SCH4X



Fuji Electric FA Components & Systems Co., Ltd.

Existing products: 4NC0A0 (SC-03) FLA: 7.6A, 3-phase HP rating: 5HP, Number of aux. contacts: 1 contact (1NO or 1NC)
New products : SC09X

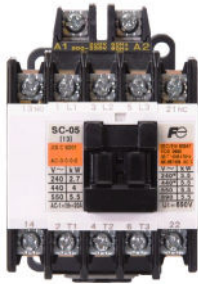
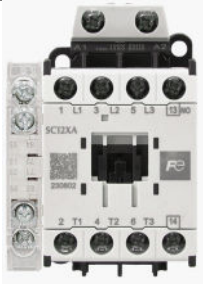

| | | | | New product | | |
|---|--|--------|---|-------------|--|--|
| Type | | | 4NC0A0 (SC-03) | | SC09X | |
| Appearance | | |  | |  | |
| Compatibility | | | - | | Dimensions : ○ Screw mounting dimensions : ◎ Screw size : ◎ Auxiliary contact configuration : ◎ Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible × :No compatibility/with major changes | |
| UL/CSA 3-phase Ratings | | | | | | |
| Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 5 / 7.6 | | 5 / 7.6 | |
| Conventional free air thermal current (Ith) [A] | | | 20 | | 20 | |
| Main terminal screw size | | | M3.5 | | M3.5 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 1NO,1NC (1a,1b) | | 1NO,1NC (1a,1b) | |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 2 | | 2 | |
| | Mechanical | | 10 | | 10 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 90 | | 66 | |
| | | Sealed | 9 | | 7.2 | |
| | DC operating[W] () indicates low consumption type | Inrush | 7 | | 3.9(2.4) | |
| | | Sealed | 7 | | 3.9(2.4) | |
| External Dimensions W × H × D[mm] | AC operating | | 43×81×80 | | 43×80×78 | |
| | DC operating | | 43×81×107 | | 43×80×96 | |
| Remarks | | | - | | - | |

Existing products: 4NC0F0 (SC-0) FLA: 7.6A, 3-phase HP rating: 5HP, Number of aux. contacts: 1 contact (1NO or 1NC)

New products : SC12X



| | | | | New product | | |
|---|---|--------|---|-------------|--|--|
| Type | | | 4NC0F0 (SC-0) | | SC12X | |
| Appearance | | |  | |  | |
| Compatibility | | | - | | Dimensions : ○ Screw mounting dimensions : ◎ Screw size : ◎ Auxiliary contact configuration : ◎ Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible × :No compatibility/with major changes | |
| UL/CSA 3-phase Ratings | | | | | | |
| Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 5/ 7.6 | | 5 / 7.6 | |
| Conventional free air thermal current (Ith) [A] | | | 20 | | 20 | |
| Main terminal screw size | | | M3.5 | | M3.5 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 1NO, 1NC (1a, 1b) | | 1NO, 1NC (1a, 1b) | |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 2 | | 2 | |
| | Mechanical | | 10 | | 10 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 90 | | 66 | |
| | | Sealed | 9 | | 7.2 | |
| | DC operating[W] () indicates low consumption type | Inrush | 7 | | 3.9(2.4) | |
| | | Sealed | 7 | | 3.9(2.4) | |
| External Dimensions W × H × D[mm] | AC operating | | 43×81×80 | | 43×80×78 | |
| | DC operating | | 43×81×107 | | 43×80×96 | |
| Remarks | | | - | | - | |

Existing products: 4NC0G0 (SC-05) FLA: 7.6A, 3-phase HP rating: 5HP, Number of aux. contacts: 2 contacts (2NO or 1NO+1NC or 2NC)
New products : SC12X

| | | | | New product | | New product | | | |
|---|--|---|--------|--|--|---|--|---|--|
| Type | | | | 4NC0G0 (SC-05) | | SC12X + SZ3AS1(Side mounting) | | SC12X + SZ3A11(Front mounting) | |
| Appearance | | | |  | |  | |  | |
| Compatibility | | | | - | | Dimensions : ◎ Screw mounting dimensions : × Screw size : ◎ Auxiliary contact configuration : ○ Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible ×:No compatibility/with major changes | | Dimensions : × Screw mounting dimensions : × Screw size : ◎ Auxiliary contact configuration : ○ Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible ×:No compatibility/with major changes | |
| UL/CSA 3-phase Ratings Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | | 5 / 7.6 | | 5 / 7.6 | | 5 / 7.6 | |
| Conventional free air thermal current (Ith) [A] | | | | 20 | | 20 | | 20 | |
| Main terminal screw size | | | | M3.5 | | M3.5 | | M3.5 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | | 2NO, 1NO+1NC, 2NC (2a, 1a1b, 2b) | | 2NO+1NC, 1NO+2NC (2a1b, 1a2b) | | 2NO+1NC, 1NO+2NC (2a1b,1a2b) | |
| Durability [Million times] | | Electrical AC-3,AC-3e,220V | | 2 | | 2 | | 2 | |
| | | Mechanical | | 10 | | 10 | | 10 | |
| Magnet Capacity | | AC operating[VA] 200V 50Hz | Inrush | 90 | | 66 | | 66 | |
| | | | Sealed | 9 | | 7.2 | | 7.2 | |
| | | DC operating[W] () indicates low consumption type | Inrush | 7 | | 3.9(2.4) | | 3.9(2.4) | |
| | | | Sealed | 7 | | 3.9(2.4) | | 3.9(2.4) | |
| External Dimensions W × H × D[mm] | | AC operating | | 53×81×80 | | 53×80×78 | | 43×80×111 | |
| | | DC operating | | 53×81×107 | | 53×80×96 | | 43×80×129 | |
| Remarks | | | | - | | Terminal numbers and terminal arrangement will be changed. | | Terminal numbers and terminal arrangement will be changed. | |


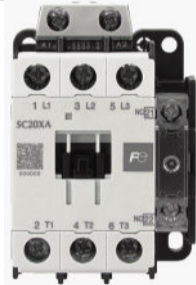
Existing products: 4NC0Q0 (SC-4-0) FLA: 11A, 3-phase HP rating: 7.5HP, Number of aux. contacts: 1 contact (1NO or 1NC)

New products : SC18X

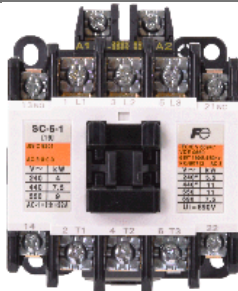
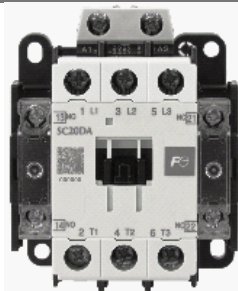
| | | | New product | |
|---|--|--------|---|--|
| Type | | | 4NC0Q0 (SC-4-0) | SC18X |
| Appearance | | |  |  |
| Compatibility | | | - | Dimensions : × Screw mounting dimensions : ◎ Screw size : × Auxiliary contact configuration : ◎ Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible × :No compatibility/with major changes |
| UL/CSA 3-phase Ratings Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 7.5 / 11 | 7.5 / 11 |
| Conventional free air thermal current (Ith) [A] | | | 25 | 25 |
| Main terminal screw size | | | M4 | M3.5 |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 1NO, 1NC (1a, 1b) | 1NO, 1NC (1a, 1b) |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 1.5 | 1.5 |
| | Mechanical | | 10 | 10 |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 90 | 66 |
| | | Sealed | 9 | 7.2 |
| | DC operating[W] () indicates low consumption type | Inrush | 7 | 3.9(2.4) |
| | | Sealed | 7 | 3.9(2.4) |
| External Dimensions W × H × D[mm] | AC operating | | 53×81×81 | 43×80×78 |
| | DC operating | | 53×81×108 | 43×80×96 |
| Remarks | | | - | - |

Existing products: 4NC0R0 (SC-4-1) FLA: 14A, 3-phase HP rating: 10HP, Number of aux. contacts: 1 contact (1NO or 1NC)

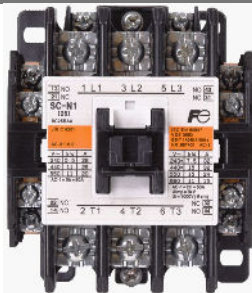
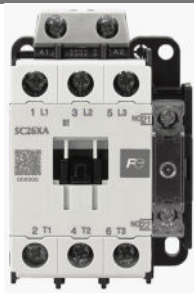
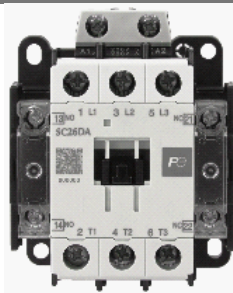

New products : SC20X

| | | | | New product | | |
|---|--|--------|---|-------------|--|--|
| Type | | | 4NC0R0 (SC-4-1) | | SC20X | |
| Appearance | | |  | |  | |
| Compatibility | | | - | | Dimensions : ◎ Screw mounting dimensions : ◎ Screw size : ◎ Auxiliary contact configuration : ◎ Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible × :No compatibility/with major changes | |
| UL/CSA 3-phase Ratings Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 10 / 14 | | 10 / 14 | |
| Conventional free air thermal current (Ith) [A] | | | 32 | | 32 | |
| Main terminal screw size | | | M4 | | M4 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 1NO, 1NC (1a, 1b) | | 1NO, 1NC (1a, 1b) | |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 2 | | 2 | |
| | Mechanical | | 10 | | 10 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 90 | | 90 | |
| | | Sealed | 9 | | 9.0 | |
| | DC operating[W] () indicates low consumption type | Inrush | 7 | | 4.6(2.4) | |
| | | Sealed | 7 | | 4.6(2.4) | |
| External Dimensions W × H × D[mm] | AC operating | | 53×81×81 | | 53×80×82 | |
| | DC operating | | 53×81×108 | | 53×80×108 | |
| Remarks | | | - | | - | |

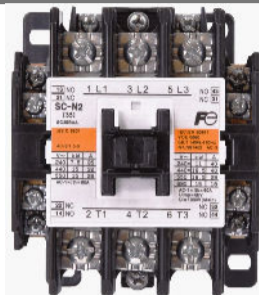

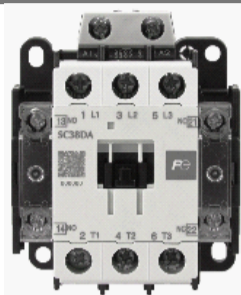
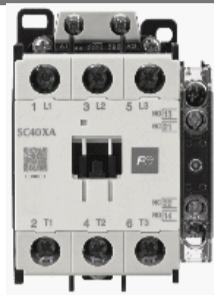
Existing products: 4NC0H0 (SC-5-1) FLA: 14A, 3-phase HP rating: 10HP, Number of aux. contacts: 2 contacts (2NO or 1NO+1NC or 2NC)
New products : SC20D

| | | | | New product | | |
|---|--|--------|---|-------------|---|--|
| Type | | | 4NC0H0 (SC-5-1) | | SC20D | |
| Appearance | | |  | |  | |
| Compatibility | | | - | | Dimensions : ◎ Screw mounting dimensions : ◎ Screw size : ◎ Auxiliary contact configuration : ◎*1 Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible ×:No compatibility/with major changes | |
| UL/CSA 3-phase Ratings Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 10 /14 | | 10 / 14 | |
| Conventional free air thermal current (Ith) [A] | | | 32 | | 32 | |
| Main terminal screw size | | | M4 | | M4 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 2NO, 1NO+1NC, 2NC (2a, 1a1b, 2b) | | 2NO, 1NO+1NC, 2NC (2a, 1a1b, 2b) | |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 2 | | 2 | |
| | Mechanical | | 10 | | 10 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 90 | | 90 | |
| | | Sealed | 9 | | 9.0 | |
| | DC operating[W] () indicates low consumption type | Inrush | 7 | | 4.6(2.4) | |
| | | Sealed | 7 | | 4.6(2.4) | |
| External Dimensions W × H × D[mm] | AC operating | | 64 × 81 × 81 | | 64 × 80 × 82 | |
| | DC operating | | 64 × 81 × 108 | | 64 × 80 × 108 | |
| Remarks | | | - | | *1: If you are using 2NO+2NC (2a2b), please refer to the catalog for details. | |



Existing products: 3NC0T0 (SC-N1) FLA: 34A, 3-phase HP rating: 25HP, Number of aux. contacts: 4 contacts (2NO+2NC)
New products : SC26X、SC26D、SC32X

| | | | | | New product | | New product | | New product | |
|---|---|--------|---|--|---|--|---|--|---|--|
| Type | | | 3NC0T0 (SC-N1) | | SC26X | | SC26D | | SC32X | |
| Appearance | | |  | |  | |  | |  | |
| Compatibility | | | - | | Dimensions : × Screw mounting dimensions : Ø*2 Screw size : × Auxiliary contact configuration : × Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible ×:No compatibility/with major changes | | Dimensions : × Screw mounting dimensions : Ø*2 Screw size : × Auxiliary contact configuration : × Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible ×:No compatibility/with major changes | | Dimensions : × Screw mounting dimensions : Ø*2 Screw size : × Auxiliary contact configuration : × Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible ×:No compatibility/with major changes | |
| UL/CSA 3-phase Ratings Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 25 / 34 | | 25 / 34 | | 25 / 34 | | 25 / 34 | |
| Conventional free air thermal current (Ith) [A] | | | 50 | | 50 | | 50 | | 50 | |
| Main terminal screw size | | | M5 | | M4 | | M4 | | M4 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 2NO+2NC (2a2b) | | 1NO, 1NC (1a, 1b) | | 2NO, 1NO+1NC, 2NC (2a, 1a1b, 2b) | | 1NO, 1NC (1a, 1b) | |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 2 | | 2 | | 2 | | 2 | |
| | Mechanical | | 10 | | 10 | | 10 | | 10 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 120 | | 90 | | 90 | | 90 | |
| | | Sealed | 12.7 | | 9.0 | | 9.0 | | 9.0 | |
| | DC operating[W] () indicates low consumption type | Inrush | 9 | | 4.6(2.4) | | 4.6(2.4) | | 4.6(2.4) | |
| | | Sealed | 9 | | 4.6(2.4) | | 4.6(2.4) | | 4.6(2.4) | |
| External Dimensions W × H × D[mm] | AC operating | | 74 × 87 × 96 | | 53 × 80 × 82 | | 64 × 80 × 82 | | 53 × 80 × 82 | |
| | DC operating | | 74 × 87 × 122 | | 53 × 80 × 108 | | 64 × 80 × 108 | | 53 × 80 × 108 | |
| Remarks | | | - | | .*2: Please use the adapter plate (SZ3AP26D). | | .*2: Please use the adapter plate (SZ3AP26D). | | .*2: Please use the adapter plate (SZ3AP26D). | |

Existing products: 3NC1Q0 (SC-N2) FLA: 40A, 3-phase HP rating: 30HP, Number of aux. contacts: 4 contacts (2NO+2NC)
New products : SC38X、SC38D、SC40X


| | | | New product | | New product | | New product | | | |
|---|---|--------|---|--|--|--|--|--|--|--|
| Type | | | 3NC1Q0 (SC-N2) | | SC38X | | SC38D | | SC40X | |
| Appearance | | |  | |  | |  | |  | |
| Compatibility | | | - | | Dimensions : × Screw mounting dimensions : ○*3 Screw size : × Auxiliary contact configuration : × Performance : ○ ※○:Compatible ○:Almost no difference and upwardly compatible × :No compatibility/with major changes | | Dimensions : × Screw mounting dimensions : ○*3 Screw size : × Auxiliary contact configuration : ×*1 Performance : ○ ※○:Compatible ○:Almost no difference and upwardly compatible × :No compatibility/with major changes | | Dimensions : × Screw mounting dimensions : × Screw size : ○ Auxiliary contact configuration : × Performance : ○ ※○:Compatible ○:Almost no difference and upwardly compatible × :No compatibility/with major changes | |
| UL/CSA 3-phase Ratings Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 30 / 40 | | 25 / 34 | | 25 / 34 | | 30 / 40 | |
| Conventional free air thermal current (Ith) [A] | | | 60 | | 50 | | 50 | | 80 | |
| Main terminal screw size | | | M5 | | M4 | | M4 | | M5 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 2NO+2NC (2a2b) | | 1NO, 1NC (1a, 1b) | | 2NO, 1NO+1NC, 2NC (2a, 1a1b, 2b) | | 1NO+1NC (1a1b) | |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 2 | | 2 | | 2 | | 2 | |
| | Mechanical | | 10 | | 10 | | 10 | | 5 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 120 | | 90 | | 90 | | 120 | |
| | | Sealed | 12.7 | | 9.0 | | 9.0 | | 12.7 | |
| | DC operating[W] () indicates low consumption type | Inrush | 9 | | 4.6(2.4) | | 4.6(2.4) | | 7.5 | |
| | | Sealed | 9 | | 4.6(2.4) | | 4.6(2.4) | | 7.5 | |
| External Dimensions W × H × D[mm] | AC operating | | 74×87×96 | | 53×80×82 | | 64×80×82 | | 64×89×93 | |
| | DC operating | | 74×87×122 | | 53×80×108 | | 64×80×108 | | 64×89×125 | |
| Remarks | | | - | | *3: Please use the adapter plate (SZ3AP26D). | | *1: If you are using 2NO+2NC (2a2b), please refer to the catalog for details. *3: Please use the adapter plate (SZ3AP26D). | | | |

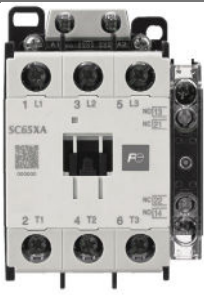
Existing products: 3NC2F0 (SC-N2S) FLA: 52A, 3-phase HP rating: 40HP, Number of aux. contacts: 4 contacts (2NO+2NC)
New products : SC50X

| | | | | New product | | |
|---|-------------------------------|--------|---|-------------|---|--|
| Type | | | 3NC2F0 (SC-N2S) | | SC50X | |
| Appearance | | |  | |  | |
| Compatibility | | | - | | Dimensions : × Screw mounting dimensions : ○*4 Screw size : × Auxiliary contact configuration : ×*1 Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible ×:No compatibility/with major changes | |
| UL/CSA 3-phase Ratings Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 40 / 52 | | 40 / 52 | |
| Conventional free air thermal current (Ith) [A] | | | 80 | | 80 | |
| Main terminal screw size | | | M6 | | M5 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 2NO+2NC (2a2b) | | 1NO+1NC (1a1b) | |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 2 | | 2 | |
| | Mechanical | | 5 | | 5 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 180 | | 120 | |
| | | Sealed | 13.3 | | 12.7 | |
| | DC operating[W] | Inrush | 12 | | 7.5 | |
| | | Sealed | 12 | | 7.5 | |
| External Dimensions W × H × D[mm] | AC operating | | 88 × 110 × 111 | | 64 × 89 × 93 | |
| | DC operating | | 88 × 110 × 130 | | 64 × 89 × 125 | |
| Remarks | | | - | | *1: If you are using 2NO+2NC (2a2b), please refer to the catalog for details. *4: Please use the adapter plate (SZ3AP50X). | |

Existing products: 3NC2H0 (SC-N3) FLA: 65A, 3-phase HP rating: 50HP, Number of aux. contacts: 4 contacts (2NO+2NC)



New products : SC65X

| | | | New product | |
|---|-------------------------------|--------|---|--|
| Type | | | 3NC2H0 (SC-N3) | |
| Appearance | | |  | |
| Compatibility | | | - | |
| UL/CSA 3-phase Ratings Rated capacity [HP] / Rated operational current [A] AC-3, 440-480V | | | 50 / 65 | |
| Conventional free air thermal current (Ith) [A] | | | 100 | |
| Main terminal screw size | | | M6 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | | | 2NO + 2NC (2a2b) | |
| Durability [Million times] | Electrical AC-3,AC-3e,220V | | 2 | |
| | Mechanical | | 5 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 180 | |
| | | Sealed | 13.3 | |
| | DC operating[W] | Inrush | 12 | |
| | | Sealed | 12 | |
| External Dimensions W × H × D[mm] | AC operating | | 88 × 110 × 111 | |
| | DC operating | | 88 × 110 × 130 | |
| Remarks | | | - | |



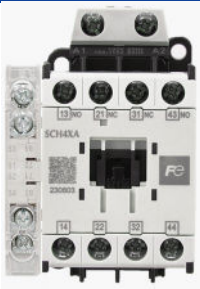
| | | | New product | |
|--|--|--|---|--|
| | | | SC65X | |
| | | |  | |
| | | | Dimensions : × Screw mounting dimensions : ○*5 Screw size : × Auxiliary contact configuration : ×*1 Performance : ○ ※◎:Compatible ○:Almost no difference and upwardly compatible ×:No compatibility/with major changes | |
| | | | 40 / 52 | |
| | | | 80 | |
| | | | M5 | |
| | | | 1NO + 1NC (1a1b) | |
| | | | 1.3 | |
| | | | 5 | |
| | | | 120 | |
| | | | 12.7 | |
| | | | 7.5 | |
| | | | 7.5 | |
| | | | 64 × 89 × 93 | |
| | | | 64 × 89 × 125 | |
| | | | *1: If you are using 2NO+2NC (2a2b), please refer to the catalog for details. *5: Please use the adapter plate (SZ3AP50X). | |

Existing products : 4SH4 (SH-4) auxiliary relay

New products : SCH4X

| | | | | New product | | |
|--|---|--------|--|-------------|---|--|
| Type | | | 4SH4 (SH-4) | | SCH4X | |
| Appearance | | |  | |  | |
| Conventional free air thermal current (Ith) [A] | | | 10 | | 10 | |
| Minimum switching voltage | | | DC5V | | DC5V | |
| Minimum switching current | | | 3mA | | 3mA | |
| Terminal screw size | | | M3.5 | | M3.5 | |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | Standard | | 4NO, 3NO + 1NC, 2NO + 2NC (4a,3a1b,2a2b) | | 4NO, 3NO + 1NC, 2NO + 2NC (4a,3a1b,2a2b) | |
| | Low consumption | | - | | 4NO, 3NO + 1NC, 2NO + 2NC (4a,3a1b,2a2b) | |
| Maximum number of auxiliary contacts (Additional auxiliary combination) | Standard coil | | 8(4 + 4) | | 8(4 + 4) | |
| | Low consumption | | - | | 6(4 + 2) | |
| Durability [Million times] | Mechanical | | 10 | | 10 | |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 90 | | 66 | |
| | | Sealed | 9 | | 7.2 | |
| | DC operating[W] () indicates low consumption type | Inrush | 7 | | 3.9(2.4) | |
| | | Sealed | 7 | | 3.9(2.4) | |
| External Dimensions W × H × D[mm] | AC operating | | 43 × 81 × 80 | | 43 × 80 × 78 | |
| | DC operating | | 43 × 81 × 107 | | 43 × 80 × 96 | |
| Remarks | | | - | | - | |

Existing products : 4SH5 (SH-5) auxiliary relay
New products : SCH4X

| Type | | | SH-5 | New product SCH4X + SZ3A□ (Front mounting) | New product SCH4X + SZ3AS□ (Side mounting) |
|--|---|--------|---|---|---|
| Appearance | | |  |  |  |
| Conventional free air thermal current (Ith) [A] | | | 10 | 10 | 10 |
| Minimum switching voltage | | | DC5V | DC5V | DC5V |
| Minimum switching current | | | 3mA | 3mA | 3mA |
| Terminal screw size | | | M3.5 | M3.5 | M3.5 |
| Number of auxiliary contacts ("1NO, 1NC" indicates 1NO or 1NC) | Standard | | 5NO, 4NO + 1NC, 3NO + 2NC, 2NO + 3NC, 1NO + 4NC, 5NC (5a, 4a1b, 3a2b, 2a3b, 1a4b, 5b) | 8NO, 7N1 + 1NC, 6NO + 2NC, 5NO + 3NC, 4NO + 4NC, 6NO, 5NO + 1NC, 4NO + 2NC, 3NO + 3NC, 2NO + 4NC (8a, 7a1b, 6a2b, 5a3b, 4a4b, 6a, 5a1b, 4a2b, 3a3b, 2a4b) | 6NO + 2NC, 5NO + 3NC, 4NO + 4NC (6a2b, 5a3b, 4a4b)*6 5NO + 1NC, 4NO + 2NC, 3NO + 3NC (5a1b, 4a2b, 3a3b, 1a5b)*7 |
| | Low consumption | | - | 6NO, 5NO + 1NC, 4NO + 2NC, 3NO + 3NC, 2NO + 4NC (6a, 5a1b, 4a2b, 3a3b, 2a4b) | 5NO + 1NC, 4NO + 2NC, 3NO + 3NC (5a1b, 4a2b, 3a3b) |
| Maximum number of auxiliary contacts (Additional auxiliary combination) | Standard coil | | 9(5 + 4) | 8(4 + 4) | 8(4 + 4) |
| | Low consumption | | - | 6(4 + 2) | 6(4 + 2) |
| Durability [Million times] | Mechanical | | 10 | 10 | 10 |
| Magnet Capacity | AC operating[VA] 200V 50Hz | Inrush | 90 | 66 | 66 |
| | | Sealed | 9 | 7.2 | 7.2 |
| | DC operating[W] () indicates low consumption type | Inrush | 7 | 3.9(2.4) | 3.9(2.4) |
| | | Sealed | 7 | 3.9(2.4) | 3.9(2.4) |
| External Dimensions W × H × D[mm] | AC operating | | 53 × 81 × 80 | 43 × 80 × 111 | 53 × 80 × 78 *6 64 × 80 × 78 *7 |
| | DC operating | | 53 × 81 × 107 | 43 × 80 × 129 | 53 × 80 × 96 *6 64 × 80 × 96 *7 |
| Remarks | | | - | Terminal numbers and terminal arrangement will be changed. | Terminal numbers and terminal arrangement will be changed. *6 In case you add one auxiliary contact unit. *7 In case you add two auxiliary contact units. |