

Compared to our previous products, the size is drastically reduced (SK18 to SK32 types)

AC-operated type

- Optimized product specifications and performance for use as primary side switches in drive gears, such as inverters and servo amplifiers. The series has been downsized to some of the smallest sizes in the world.

[Comparison with previous products]

Volume ratio: Reduced by 15 to 38%

Width: Reduced by 8 to 11 mm

Depth: Reduced by 15 mm (for SK32A type)

DC operated type

- The depth of DC operated SK18G through SK32G models has also been drastically reduced.

[Comparison with previous products]

Volume ratio: Reduced by 13 to 23%

Width: Reduced by 8 to 11 mm

Depth: Reduced by 14 to 28 mm

The depth of the DC-operated types has been reduced.

SC Series DC operated
108 ~ 122 mm

Existing product

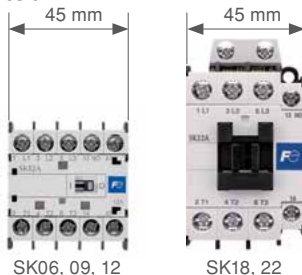
SK18G, 22G, 32G

94 mm

Depth reduced
-14 ~ 28 mm
compared with
Existing products

Unified width of 45 mm for SK06 to SK22 types

- The width is unified to 45 mm for SK06 to SK22 types, which is the same width as that of the BM3 series of manual motor starters. It is easier to compose a combination starter now that can realize a more compact motor starter circuit.



It is possible to compose a combination starter more easily.



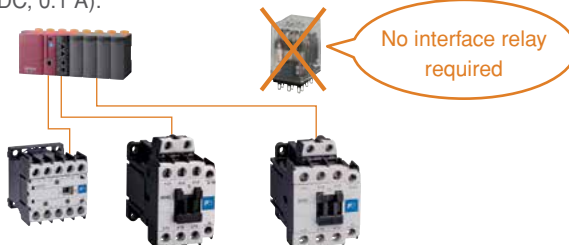
SK06 to SK22 contactors
can be linked with a
single busbar system

Low power consumption

- Direct drive through PLC transistor output has been expanded to motors rated 6.5 kW (200V AC).

[DC operated type]

The SK18G through SK32G models use the same high efficiency polarized electromagnets used in the SK06L through SK12L models, making it possible to directly drive all models through transistor output (rated for 24 V DC, 0.1 A).



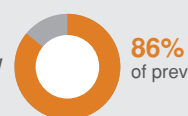
Magnet power consumption

For SK18/22/32

[DC Coil]

Standard DC coil : 2.4W

Low-power DC coil : 1.2W



86%
of previous models

* Up to two auxiliary contacts can be added.

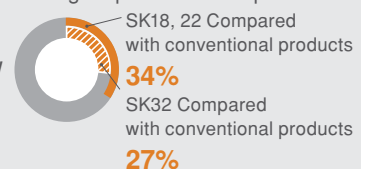
Comparison with FUJI SJ Series

Magnet power consumption

For SK18/22/32

[DC Coil]

Standard DC coil : 2.4W



Comparison with FUJI SC Series

Standard Compliance

- Being accredited with most of the mainstream international standards, our products can be exported to any destination.

Product	Type	Compliant Standards			Certified Standards				EC Directives	Certifying Body
		IEC	EN	JIS	UL	CSA	GB	KC	CE Marking	TÜV
		International	Europe	Japan	USA	Canada	China	Korea	Europe	Germany
Magnetic Contactors	SK□A	●	●	●	●	●	●	● *1	●	●
	SK□G	●	●	●	●	●	●	● *1	●	●
	SK□L	●	●	●	●	●	●	● *1	●	●
Thermal Overload Relays	TK12, TK25, TK26	●	●	●	●	●	●	—	●	●

Note: Legend ●: Compliance with standard models. *1 Single contacts (H) for auxiliary contact use have not been certified.

Catalog Disclaimer

The information contained in this catalog does not constitute an express or implied warranty of quality, any warranty of merchantability or fitness for a particular purpose is hereby disclaimed.

Since the user's product information, specific use application, and conditions of use are all outside of Fuji Electric FA Components & Systems' control, **it shall be the responsibility of the user to determine the suitability of any of the products mentioned for the user's application.**

One Year Limited Warranty

The products identified in this catalog shall be sold pursuant to the terms and conditions identified in the "Conditions of Sale" issued by Fuji Electric FA with each order confirmation.

Except to the extent otherwise provided for in the Conditions of Sale issued by Fuji Electric FA, Fuji Electric FA warrants that the Fuji Electric FA products identified in this catalog shall be free from significant defects in materials and workmanship provided the product has not been: 1) repaired or altered by others than Fuji Electric FA; 2) subjected to negligence, accident, misuse, or damage by circumstances beyond Fuji Electric FA's control; 3) improperly operated, maintained or stored; or 4) used in other than normal use or service. This warranty shall apply only to defects appearing within one (1) year from the date of shipment by Fuji Electric FA, and in such case, only if such defects are reported to Fuji Electric FA within thirty (30) days of discovery by purchaser. Such notice should be submitted in writing to Fuji Electric FA at 5-7, Nihonbashi Odemma-cho, Chuo-ku, Tokyo, Japan. The sole and exclusive remedy with respect to the above warranty whether such claim is based on warranty, contract, negligence, strict liability or any other theory, is limited to the repair or replacement of such product or, at Fuji Electric FA's option reimbursement by Fuji Electric FA of the purchase price paid to Fuji Electric FA for the particular product. **Fuji Electric FA does not make any other representations or warranties, whether oral or in writing, expressed or implied, including but not limited to any warranty regarding merchantability or fitness for a particular purpose.** Except as provided in the Conditions of Sale, no agent or representative of Fuji Electric FA is authorized to modify the terms of this warranty in writing or orally.

In no event shall Fuji Electric FA be liable for special, indirect or consequential damages, including but not limited to, loss of use of the product, other equipment, plant and power system which is installed with the product, loss of profits or revenues, cost of capital, or claims against the purchaser or user of the product by its customers resulting from the use of information, recommendations and descriptions contained herein. The purchaser agrees to pass on to its customers and users, in writing at the time inquiries and orders are received by buyer, Fuji Electric FA's warranty as set forth above.

Safety Considerations

- Operate (keep) in the environment specified in the operating instructions and manual. High temperature, high humidity, condensation, dust, corrosive gases, oil, organic solvents, excessive vibration or shock might cause electric shock, fire, erratic operation or failure.
- For safe operation, before using the product read the instruction manual or user manual that comes with the product carefully or consult the Fuji sales representative from which you purchased the product.
- Products introduced in this catalog have not been designed or manufactured for such applications in a system or equipment that will affect human bodies or lives.
- Customers, who want to use the products introduced in this catalog for special systems or devices such as for atomic-energy control, aerospace use, medical use, passenger vehicle, and traffic control, are requested to consult with Fuji Electric FA.
- Customers are requested to prepare safety measures when they apply the products introduced in this catalog to such systems or facilities that will affect human lives or cause severe damage to property if the products become faulty.
- For safe operation, wiring should be conducted only by qualified engineers who have sufficient technical knowledge about electrical work or wiring.
- Follow the regulations of industrial wastes when the product is to be discarded.
- For further questions, please contact your Fuji sales representative or Fuji Electric FA.