

Overview

Snap-on auxiliary contact blocks

The auxiliary switch blocks and the maximum number of blocks that can be mounted are described in "Motor Contactors" and "Contactor Relays".

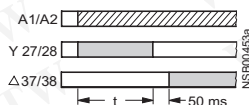
Solid-state time-delay auxiliary switch block

The timer module, which is available in "ON-delay" and "OFF-delay" versions, allows time-delayed functions up to 100 s (3 distinct delay ranges).

It contains a relay with one NO contact and one NC contact; depending on the version, the relay is switched either after an ON-delay or after an OFF-delay.

The timer module with "WYE-DELTA FUNCTION" is equipped with one delayed and one instantaneous NO contact, with an interval time of 50 ms between the two. The delay time of the NO contact can be set between 1.5 s and 30 s.

Wye-delta function:



The contactor on which the solid-state, time-delay auxiliary switch block is mounted operates without a delay.

Size S00

The solid-state, time-delay auxiliary switch block is fitted onto the front of the contactor. The timer module is supplied with power directly by plug-in contacts through the coil terminals of the contactor, in parallel with A1/A2. The timing function is activated by closing the contactor on which the auxiliary switch block is mounted. The OFF-delay variant operates without an auxiliary power supply; minimum on-time: 200 ms.

A varistor is integrated in the timer module in order to damp opening surges in the contactor coil.

The solid-state, time-delay auxiliary switch block cannot be mounted on size S00 coupling relays.

Sizes S0 to S12

The solid-state, time-delay auxiliary switch block is fitted onto the front of the contactor.

The timer module is supplied with power through two terminals (A1/A2); the time delay of the auxiliary switch block can be activated either by a parallel link to any contactor coil or by any power source.

The OFF-delay variant operates without an auxiliary power supply; minimum on-time: 200 ms.

A single-pole auxiliary switch block can be snapped onto the front of the contactor in addition to the timer module.

The timer module has no integrated components for damping opening surges.

Solid-state time-delay block with semiconductor output

The timer module, which is available in "ON-delay" and "OFF-delay with auxiliary voltage" versions, allows time-delayed functions up to 100 s (3 distinct delay ranges). Contactors fitted with a time-delay block close or open after a delay according to the set time.

The ON-delay variant of the timing relay is connected in series with the contactor coil; terminal A1 of this coil must not be connected.

With the OFF-delay variant of the timing relay, the contactor coil is contacted directly through the relay; terminals A1 and A2 of the contactor coil must not be connected.

The timing relays are suitable for both AC and DC operation.

Size S00

The version for size S00 contactors is fitted onto the front of the contactor (with the supply voltage switched off) and then slid into its latched position; at the same time, the timing relay is connected by means of plug-in contacts to coil terminals A1 and A2 of the contactor. Any contactor coil terminals which are not required are sealed off by means of covers on the enclosure of the time-delay block, to prevent them from being connected inadvertently.

A varistor is integrated in the timer module in order to damp opening surges in the contactor coil.

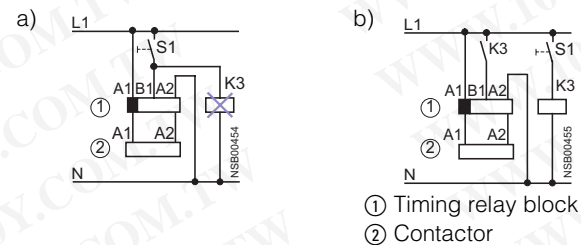
The solid-state, time-delay block cannot be mounted on size S00 coupling relays.

Sizes S0 to S3

The time-delay block for size S0 to S3 contactors is plugged into coil terminals A1 and A2 on top of each contactor; the timing relay is connected both electrically and mechanically by means of pins.

A varistor is integrated in the timer module in order to damp opening surges in the contactor coil.

Note on configuration



The activation of loads parallel to the start input is not permissible when using AC control voltage (see (a) in the circuit diagram).

The 3RT19 16-2D... / 3RT19 26-2D... OFF-delay timing relay blocks have a zero potential start input B1. This means that if there is a parallel load on terminal B1, activation can be simulated with AC voltage. In this case, the additional load (e.g. contactor K3) must be wired in accordance with (b).

OFF-delay device for size S00 to S3 contactors

AC and DC operation

IEC 60947, EN 60947

For screw and snap-on mounting onto 35 mm standard mounting rail. The OFF-delay devices have screw terminals.

The OFF-delay device prevents a contactor from dropping out unintentionally when there is a short-time voltage dip or voltage failure. It supplies a downstream, DC-operated contactor with the necessary power during a voltage dip, ensuring that the contactor does not trip. The 3RT19 16 OFF-delay devices are specifically designed for operation with the 3RT contactors and 3RH contactor relays of the SIRIUS series.

The OFF-delay device operates without external voltage on a capacitive basis, and can be energized with either AC or DC (24 V version only for DC operation). Voltage matching, which is only necessary with AC operation, is performed using a rectifier bridge.

A contactor opens after a delay when the capacitors of the contactor coil, built into the OFF-delay device, are switched in parallel. In the event of voltage failures, the capacitors are discharged via the coil and thereby delay the opening of the contactor.

Accessories and Spare Parts For 3RT, 3RH Contactors and Contactor Relays

Accessories for 3RT, 3RH contactors and contactor relays

If the command devices are upstream of the OFF-delay device in the circuit, the OFF-delay takes effect with every opening operation. If the opening operation is downstream of the OFF-delay device, an OFF-delay only applies in the event of failure of the mains voltage.

Operation

In the case of the versions for rated control supply voltages of 110 V and 230 V, either AC voltage or DC voltage can be applied on the line side, whereas the variant for 24 V is designed for DC operation only.

A DC-operated contactor is connected to the output in accordance with the input voltage that is applied.

The mean value of the OFF-delay is approximately 1.5 times the specified minimum time.

Surge suppressors

- Without LED (also for Cage Clamp terminals)
Sizes S00, S0, S2, S3, S6 to S12
- With LED (also for Cage Clamp terminals)
Size S00

All 3RT1 contactors and 3RH1 contactor relays can be retrofitted with RC elements or varistors for damping opening surges in the coil. Diodes or diode assemblies (comprising noise suppression diodes and Zener diodes for rapid switch-off) can be used.

The surge suppressors are plugged onto the front of size S00 contactors. Space is provided for them next to a snap-on auxiliary switch block.

With all size S0 to S3 contactors, varistors, RC elements and diode assemblies can be plugged on directly at the coil terminals, either on the top or underneath.

The plug-in direction of the diodes and diode assemblies is determined by a coding device.

Coupling relays are supplied either without overvoltage damping or with a varistor or diode connected as standard, according to the version.

Note:

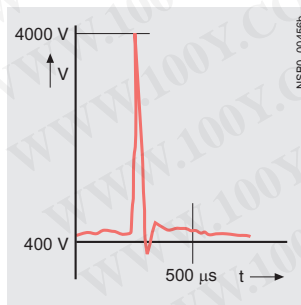
The OFF-delay times of the NO contacts and the ON-delay times of the NC contacts increase if the contactor coils are damped against voltage peaks (noise suppression diode 6 to 10 times; diode assemblies 2 to 6 times, varistor +2 to 5 ms).

Electromagnetic interference suppression module, 3-phase for size S00 contactors



A so-called counter-e.m.f. (electromotive force) is produced when motors or various inductive loads are turned off. Voltage peaks of up to 4000 V may occur as a result, with a frequency spectrum from 1 kHz to 10 MHz and a rate of voltage variation from 0.1 to 20 V/ns.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



Capacitive input to various analog and digital signals makes it necessary to suppress interference in the load circuit.

Reducing contact arcing

The connection between the main conducting path and the EMC interference suppression module enables contact arcing, which is responsible for contact erosion and the majority of clicking noises, to be reduced; this in turn is conducive to an electromagnetically compatible design.

Higher operational reliability

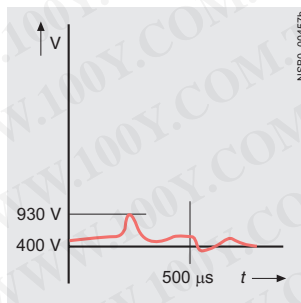
Since the EMC interference suppression module achieves a significant reduction in radio-frequency components and the voltage level in three phases, the contact endurance is also improved considerably. This makes an important contribution towards enhancing the reliability and availability of the system as a whole.

Dispensing with fine graduations

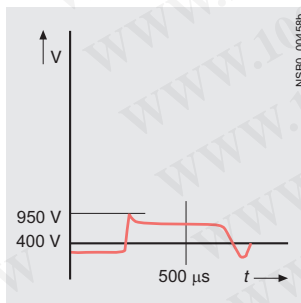
There is no need for fine graduations within each performance class, as smaller motors inherently have a higher inductance, so that one solution for all fixed-speed drives up to 5.5 kW is adequate.

Two electrical variants are available:

- The advantages of the RC circuit lie mainly in the reduction in the rate of rise and in its RF damping ability. The selected values ensure effective interference suppression over a wide range.



- The varistor circuit can absorb a high energy level and can also be used for frequencies ranging from 10 to 400 Hz (closed-loop controlled drives). There is no limiting below the knee-point voltage, however.



Accessories and Spare Parts

For 3RT, 3RH Contactors and Contactor Relays

Accessories for 3RT, 3RH contactors and contactor relays

Additional load module

- Size S00 for plugging onto the front of the contactors with and without auxiliary switch block

Coupling links for mounting on contactors of sizes S0 to S3

DC operation

IEC 60947 and EN 60947

The coupling link is suitable for use in any climate. It is finger-safe according to EN 50274. The terminal designations comply with EN 50005.

System-compatible operation with 24 DC V, operating range 17 V to 30 V.

Low power consumption in conformity with the technical specifications of the solid-state systems. A light-emitting diode indicates the circuit state.

Surge suppression

The 3RH19 24-1GP11 coupling link has an integrated surge suppressor (varistor) for the contactor coil being switched.

Mounting

The 3RH19 24-1GP11 coupling link is mounted directly on the contactor coil.

Solder pin adapters

The solder pin adapters for the size S00 contactors are available in two versions:

- Solder pin adapter for contactors with one integrated auxiliary contact
- Solder pin adapter for contactors with mounted 4-pole auxiliary switch block

Screw adapters

Plug-on adapters improve the accessibility of the screw fixing for size S0 contactors. As a result it is possible to position the screwdriver vertically even when using insulated screwdrivers or power screwdrivers.

Optionally the adapters can be rotated through 90° before mounting.

Sealable covers for sizes S00 to S12

When contactors and contactor relays are used in safety-oriented applications, it must be ensured that it is impossible to operate the contactors manually.

For SIRIUS contactors there are sealable covers available for this purpose as accessories; these prevent accidental manual operation. These are transparent molded-plastic caps with a bracket that enables the contactor to be sealed.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Accessories and Spare Parts

For 3RT, 3RH Contactors and Contactor Relays

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
 Http://www.100y.com.tw

Accessories for 3RT, 3RH contactors and contactor relays

Selection and ordering data



3RH19 11-1HA...
3RH19 11-1FA..



3RH19 21-1HA..



3RH19 11-1AA.



3RH19 11-1LA..

For contactors	Auxiliary contacts	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Ident. No.	Version		Order No.	Price per PU			kg
Type	NO NC NO NC						

Auxiliary switch blocks for snapping onto the front according to EN 50012

Size S00

For assembling contactors with 2, 4 and 5 auxiliary contacts

3RT10 1.-1...1, 3RT10 1.-2...1	11 E	--	1	--	--	▶	3RH19 11-1HA01	1	1 unit	101	0.035
Ident. No. 10 E	22 E	1	2	--	--	▶	3RH19 11-1HA12	1	1 unit	101	0.046
	23 E	1	3	--	--	▶	3RH19 11-1HA13	1	1 unit	101	0.051
	32 E	2	2	--	--	▶	3RH19 11-1HA22	1	1 unit	101	0.052

Sizes S0 ... S12¹⁾

4-pole

3RT10 2, 3RT1. 3 ... 3RT1. 7	31	3	1	--	--	▶	3RH19 21-1HA31	1	1 unit	101	0.074
	22	2	2	--	--	▶	3RH19 21-1HA22	1	1 unit	101	0.073
	13	1	3	--	--	▶	3RH19 21-1HA13	1	1 unit	101	0.073
	22²⁾	2	2	--	--	▶	3RH19 21-1XA22-0MA0	1	1 unit	101	0.073

Auxiliary switch blocks for snapping onto the front according to EN 50005

Size S00

2 or 4-pole auxiliary switch blocks for assembling contactors with 3 and 5 auxiliary contacts

3RT1. 1, 3RH11, 3RH14	20	2	--	--	--	▶	3RH19 11-1FA20	1	1 unit	101	0.041
	11	1	1	--	--	▶	3RH19 11-1FA11	1	1 unit	101	0.041
	02	--	2	--	--	▶	3RH19 11-1FA02	1	1 unit	101	0.040
	11 U	--	--	1	1	▶	3RH19 11-1FB11	1	1 unit	101	0.040
	40	4	--	--	--	▶	3RH19 11-1FA40	1	1 unit	101	0.052
	31	3	1	--	--	▶	3RH19 11-1FA31	1	1 unit	101	0.052
	22	2	2	--	--	▶	3RH19 11-1FA22	1	1 unit	101	0.052
	22 U	--	--	2	2	▶	3RH19 11-1FC22	1	1 unit	101	0.052
	11, 11 U	1	1	1	1	▶	3RH19 11-1FB22	1	1 unit	101	0.052

1 and 2-pole auxiliary switch blocks. Cable entry from one side

• Cable entry from above

3RT1. 1, 3RH11, 3RH14	--	1	--	--	--	▶	3RH19 11-1AA10	1	1 unit	101	0.016
	--	--	1	--	--	▶	3RH19 11-1AA01	1	1 unit	101	0.016
	--	1	1	--	--	▶	3RH19 11-1LA11	1	1 unit	101	0.052
	--	2	--	--	--	▶	3RH19 11-1LA20	1	1 unit	101	0.052

• Cable entry from below

3RT1. 1, 3RH11, 3RH14	--	1	--	--	--	▶	3RH19 11-1BA10	1	1 unit	101	0.015
	--	--	1	--	--	▶	3RH19 11-1BA01	1	1 unit	101	0.016
	--	1	1	--	--	▶	3RH19 11-1MA11	1	1 unit	101	0.052
	--	2	--	--	--	▶	3RH19 11-1MA20	1	1 unit	101	0.053

For multi-unit packing and reusable packaging, see Appendix -> Ordering Notes.

- Exception: 3RT16.
- With location digits 5, 6, 7, 8.

Accessories and Spare Parts

For 3RT, 3RH Contactors and Contactor Relays

Accessories for 3RT, 3RH contactors and contactor relays



3RH19 11-2HA .



3RH19 21-2HA .
3RH19 21-2FA..

For contactors	Auxiliary contacts	DT	Cage Clamp terminals	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Type	Ident. No.	Version	Order No.	Price per PU			kg
		NO NC NO NC					

Auxiliary switch blocks for snapping onto the front according to EN 50012

Size S00

For assembling contactors with 2, 4 and 5 auxiliary contacts

3RT10 1.-1...1, 3RT10 1.-2...1 Ident. No. 10 E	11 E	--	1	--	--	▶	3RH19 11-2HA01	1	1 unit	101	0.040
	22 E	1	2	--	--	▶▶	3RH19 11-2HA12	1	1 unit	101	0.052
	23 E	1	3	--	--	▶▶▶	3RH19 11-2HA13	1	1 unit	101	0.058
	32 E	2	2	--	--	▶▶▶▶	3RH19 11-2HA22	1	1 unit	101	0.059

Sizes S0 ... S12¹⁾

		4-pole									
3RT10 2, 3RT1. 3 ... 3RT1. 7	31	3	1	--	--	▶	3RH19 21-2HA31	1	1 unit	101	0.070
	22	2	2	--	--	▶▶	3RH19 21-2HA22	1	1 unit	101	0.069
	13	1	3	--	--	▶▶▶	3RH19 21-2HA13	1	1 unit	101	0.068
	22²⁾	2	2	--	--	▶▶▶▶ D	3RH19 21-2XA22-OMA0	1	1 unit	101	0.071

Auxiliary switch blocks for snapping onto the front according to EN 50005

Size S00

2 and 4-pole auxiliary switch blocks for assembling contactors with 3 and 5 auxiliary contacts

3RT1. 1, 3RH11, 3RH14	20	2	--	--	--	▶	3RH19 11-2FA20	1	1 unit	101	0.045
	11	1	1	--	--	▶▶	3RH19 11-2FA11	1	1 unit	101	0.045
	02	--	2	--	--	▶▶▶	3RH19 11-2FA02	1	1 unit	101	0.046
	11 U	--	--	1	1	A	3RH19 11-2FB11	1	1 unit	101	0.046
	40	4	--	--	--	▶▶▶▶	3RH19 11-2FA40	1	1 unit	101	0.059
	31	3	1	--	--	▶▶▶▶▶	3RH19 11-2FA31	1	1 unit	101	0.057
	22	2	2	--	--	▶▶▶▶▶▶	3RH19 11-2FA22	1	1 unit	101	0.058
	22 U	--	--	2	2	▶▶▶▶▶▶ B	3RH19 11-2FC22	1	1 unit	101	0.058
	11, 11 U	1	1	1	1		3RH19 11-2FB22	1	1 unit	101	0.058

For multi-unit packing and reusable packaging, see Appendix -> Ordering Notes.

- Exception: 3RT16.
- With location digits 5, 6, 7, 8

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Accessories and Spare Parts

For 3RT, 3RH Contactors and Contactor Relays

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Accessories for 3RT, 3RH contactors and contactor relays



3RH19 21-1F..



3RH19 21-1C..



3RH19 21-1LA..



3RH19 21-1MA..

For contactors	Auxiliary contacts	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Type	Ident. No. Version		Order No. Price per PU				kg
	NO NC NO NC						

Auxiliary switch blocks for snapping onto the front according to EN 50005

Sizes S0 to S12¹⁾

4-pole auxiliary switch blocks

3RT1. 2,	40	4	--	--	--	▶	3RH19 21-1FA40	1	1 unit	101	0.074
3RT1. 3	31	3	1	--	--	▶	3RH19 21-1FA31	1	1 unit	101	0.074
...	22	2	2	--	--	▶	3RH19 21-1FA22	1	1 unit	101	0.073
3RT1. 7	04	--	4	--	--	▶	3RH19 21-1FA04	1	1 unit	101	0.072
	22 U	--	--	2	2	▶	3RH19 21-1FC22	1	1 unit	101	0.074

1-pole auxiliary switch blocks to EN 50005 and EN 50012

3RT1. 2	--	1	--	--	--	▶	3RH19 21-1CA10	1	1 unit	101	0.020
...	--	--	1	--	--	▶	3RH19 21-1CA01	1	1 unit	101	0.019
3RT1. 7	--	--	--	1	--	▶	3RH19 21-1CD10	1	1 unit	101	0.020
	--	--	--	--	1	▶	3RH19 21-1CD01	1	1 unit	101	0.019

2-pole auxiliary switch blocks with cable entry from one side

• Cable entry from above

3RT1. 2,	--	1	1	--	--	▶	3RH19 21-1LA11	1	1 unit	101	0.074
3RT1. 3	--	2	--	--	--	▶	3RH19 21-1LA20	1	1 unit	101	0.075
...	--	--	2	--	--	▶	3RH19 21-1LA02	1	1 unit	101	0.074
3RT1. 7	--	--	--	--	--	▶					

• Cable entry from below

3RT1. 2,	--	1	1	--	--	▶	3RH19 21-1MA11	1	1 unit	101	0.074
3RT1. 3	--	2	--	--	--	▶	3RH19 21-1MA20	1	1 unit	101	0.076
...	--	--	2	--	--	▶	3RH19 21-1MA02	1	1 unit	101	0.073
3RT1. 7	--	--	--	--	--	▶					

1) Exception: 3RT16.



2RH19 21-2F..



3RH19 21-2C..

For contactors	Auxiliary contacts	DT	Cage Clamp terminals	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Type	Ident. No. Version		Order No. Price per PU				kg
	NO NC NO NC						

Auxiliary switch blocks for snapping onto the front according to EN 50005

Sizes S0 to S12¹⁾

4-pole auxiliary switch blocks

3RT1. 2,	40	4	--	--	--	▶	3RH19 21-2FA40	1	1 unit	101	0.071
3RT1. 3	31	3	1	--	--	▶	3RH19 21-2FA31	1	1 unit	101	0.070
...	22	2	2	--	--	▶	3RH19 21-2FA22	1	1 unit	101	0.069
3RT1. 7	04	--	4	--	--	▶	3RH19 21-2FA04	1	1 unit	101	0.068
	22 U	--	--	2	2	▶	3RH19 21-2FC22	1	1 unit	101	0.069

1-pole auxiliary switch blocks to EN 50005 and EN 50012

3RT1. 2	--	1	--	--	--	▶	3RH19 21-2CA10	1	1 unit	101	0.018
...	--	--	1	--	--	▶	3RH19 21-2CA01	1	1 unit	101	0.017
3RT1. 7	--	--	--	--	--	▶					

1) Exception: 3RT16.



Accessories and Spare Parts For 3RT, 3RH Contactors and Contactor Relays

Accessories for 3RT, 3RH contactors and contactor relays

Snap-on auxiliary switch blocks according to EN 50011 for assembling contactor relays with 8 contacts.



3RH19 11-1GA..

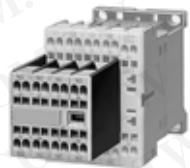
For contactor relays	Contacts	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Ident. No.	Version		Order No.	Price per PU			kg
	 NO  NC						

Snap-on auxiliary switch blocks according to EN 50011



For assembling contactor relays with 8 contacts

3RH11 40, 3RH14 40 (Ident. No. 40 E)	80 E	4	--	▶ 3RH19 11-1GA40	1	1 unit	101	0.052
	71 E	3	1	▶ 3RH19 11-1GA31	1	1 unit	101	0.052
	62 E	2	2	▶ 3RH19 11-1GA22	1	1 unit	101	0.052
	53 E	1	3	▶ 3RH19 11-1GA13	1	1 unit	101	0.052
	44 E	--	4	▶ 3RH19 11-1GA04	1	1 unit	101	0.052

For multi-unit packing and reusable packaging, see Appendix -> Ordering Notes.



3RH19 11-2GA..

For contactor relays	Contacts	DT	Cage Clamp terminals	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Ident. No.	Version		Order No.	Price per PU			kg
	 NO  NC						

Snap-on auxiliary switch blocks according to EN 50011

For assembling contactor relays with 8 contacts

3RH11 40, (Ident. No. 40 E)	80 E	4	--	▶ 3RH19 11-2GA40	1	1 unit	101	0.059
	71 E	3	1	▶ 3RH19 11-2GA31	1	1 unit	101	0.059
	62 E	2	2	▶ 3RH19 11-2GA22	1	1 unit	101	0.058
	53 E	1	3	▶ 3RH19 11-2GA13	1	1 unit	101	0.058
	44 E	--	4	▶ 3RH19 11-2GA04	1	1 unit	101	0.058

For multi-unit packing and reusable packaging, see Appendix -> Ordering Notes.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Accessories and Spare Parts

For 3RT, 3RH Contactors and Contactor Relays

Accessories for 3RT, 3RH contactors and contactor relays



3RH19 21-1DA11
3RH19 21-1JA11



3RH19 21-1EA..
3RH19 21-1KA..

For contactors

Auxiliary contacts

DT

Screw terminals

PU
(UNIT,
SET, M)

PS*

PG

Weight
per PU
approx.

Version

Order No.

Price
per PU



Type

NO

NC

kg

Laterally mountable auxiliary switch blocks according to EN 50012

Sizes S0 ... S12

First laterally mountable auxiliary switch block (right or left), 2-pole

3RT1. 2 ... 3RT1. 7

1

1



3RH19 21-1DA11

1

1 unit

101

0.047

Sizes S3 ... S12

Second laterally mountable auxiliary switch block (right or left), 2-pole

3RT1. 4 ... 3RT1. 7

1

1



3RH19 21-1JA11

1

1 unit

101

0.047

Laterally mountable auxiliary switch blocks according to EN 50005

Sizes S0 ... S12

First laterally mountable auxiliary switch block (right or left), 2-pole

3RT1. 2 ... 3RT1. 7

2

--



3RH19 21-1EA20

1

1 unit

101

0.048

1

1



3RH19 21-1EA11

1

1 unit

101

0.048

--

2



3RH19 21-1EA02

1

1 unit

101

0.048

Sizes S3 ... S12

Second laterally mountable auxiliary switch block (right or left), 2-pole

3RT1. 4 ... 3RT1. 7

2

--



3RH19 21-1KA20

1

1 unit

101

0.048

1

1



3RH19 21-1KA11

1

1 unit

101

0.048

--

2



3RH19 21-1KA02

1

1 unit

101

0.048

勝特力材料 886-3-5753170
 胜特力电子(上海) 86-21-34970699
 胜特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Accessories and Spare Parts For 3RT, 3RH Contactors and Contactor Relays

Accessories for 3RT, 3RH contactors and
contactor relays



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

3RH19 21-2DA11
3RH19 21-2JA11

3RH19 21-2EA..
3RH19 21-2KA..

For contactors

Auxiliary contacts

DT

Cage Clamp terminals

PU
(UNIT,
SET, M)

PS*

PG

Weight
per PU
approx.

Version

Order No.

Price
per PU

Type



kg

Laterally mountable auxiliary switch blocks according to EN 50012

Sizes S0 ... S12

First laterally mountable auxiliary switch block (right or left), 2-pole

3RT1. 2 ... 3RT1. 7

1

1

▶

3RH19 21-2DA11

1

1 unit

101

0.050

Sizes S3 ... S12

Second laterally mountable auxiliary switch block (right or left), 2-pole

3RT1. 4 ... 3RT1. 7

1

1

B

3RH19 21-2JA11

1

1 unit

101

0.051

Laterally mountable auxiliary switch blocks according to EN 50005

Sizes S0 ... S12

First laterally mountable auxiliary switch block (right or left), 2-pole

3RT1. 2 ... 3RT1. 7

2

--

▶

3RH19 21-2EA20

1

1 unit

101

0.050

--

2

▶

3RH19 21-2EA02

1

1 unit

101

0.051

Sizes S3 ... S12

Second laterally mountable auxiliary switch block (right or left), 2-pole

3RT1. 4 ... 3RT1. 7

2

--

C

3RH19 21-2KA20

1

1 unit

101

0.049

--

2

C

3RH19 21-2KA02

1

1 unit

101

0.050



3RH19 11-1NF..

3RH19 21-1FE22

For contactors

Version

Contacts

DT

Screw terminals

PU
(UNIT,
SET, M)

PS*

PG

Weight
per PU
approx.

Version

Order No.

Price
per PU

Type



kg

Solid-state compatible auxiliary switch blocks, for snapping onto the front, according to EN 50005

Size S00

3RT1. 1,
3RH11,
3RH14

For use in dusty atmosphere and solid-state circuits with rated operating currents I_b /AC-14 and DC-13 from 1 mA to 300 mA at 3 V to 60 V.
Hard gold-plated contacts.
No mirror contacts.

1

--

--

1

▶

3RH19 11-1NF11

1

1 unit

101

0.042

3RH19 11-1NF20

1

1 unit

101

0.041

3RH19 11-1NF02

1

1 unit

101

0.041

Sizes S0 ... S12

3RT1. 2
...
3RT1. 7

For use in dusty atmosphere and solid-state circuits with rated operating currents I_b /AC-14 and DC-13 from 1 mA to 300 mA at 3 V to 60 V.
Hard gold-plated contacts.
Mirror contacts according to EN 60947-4-1, Appendix F
1 NO + 1 NC standard auxiliary switches: For technical specifications, see LV 1 T.

1

1

1

1

▶

3RH19 21-1FE22

1

1 unit

101

0.073

* You can order this quantity or a multiple thereof.

Accessories and Spare Parts

For 3RT, 3RH Contactors and Contactor Relays

Accessories for 3RT, 3RH contactors and contactor relays

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



3RH19 11-2NF ..

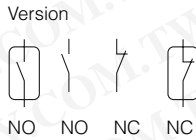


3RH19 21-2JE22



3RH19 21-2DE11
3RH19 21-2JE11

For contactors	Version	Contacts	DT	Cage Clamp terminals	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Type	Order No.	Price per PU						kg



Solid-state compatible auxiliary switch blocks, for snapping onto the front, according to EN 50005

Size S00

3RT1. 1, 3RH11, 3RH14	For use in dusty atmosphere and solid-state circuits with rated operating currents I_{th} /AC-14 and DC-13 from 1 mA to 300 mA at 3 V to 60 V. Hard gold-plated contacts. No mirror contacts.	1 -- -- 1 2 -- -- -- -- -- -- 2	▶ ▶	3RH19 11-2NF11 3RH19 11-2NF20 3RH19 11-2NF02	1 1 1	1 unit 1 unit 1 unit	101 101 101	0.047 0.047 0.046
-----------------------------	---	---------------------------------------	--------	---	-------------	----------------------------	-------------------	-------------------------

Sizes S0 ... S12

3RT1. 2 ... 3RT1. 7	For use in dusty atmosphere and solid-state circuits with rated operating currents I_{th} /AC-14 and DC-13 from 1 mA to 300 mA at 3 V to 60 V. Hard gold-plated contacts. Mirror contacts according to EN 60947-4-1, Appendix F 1 NO + 1 NC standard auxiliary switches: For technical specifications, see LV 1 T.	1 1 1 1 B		3RH19 21-2FE22	1	1 unit	101	0.070
---------------------------	---	-----------	--	-----------------------	---	--------	-----	-------

Solid-state compatible auxiliary switch blocks, laterally mountable, according to EN 50012

Sizes S0 ... S12

First laterally mountable auxiliary switch block (right or left), 2-pole								
3RT1. 2 ... 3RT1. 7	1 NO + 1 NC solid-state compatible auxiliary switches For use in dusty atmosphere and solid-state circuits with rated operating currents I_{th} /AC-14 and DC-13 from 1 mA to 300 mA at 3 V to 60 V. Hard gold-plated contacts. Mirror contacts according to EN 60947-4-1, Appendix F	1 -- -- 1	▶	3RH19 21-2DE11	1	1 unit	101	0.049

Sizes S3 ... S12

Second laterally mountable auxiliary switch block (right or left), 2-pole								
3RT1. 4 ... 3RT1. 7	1 NO + 1 NC solid-state compatible auxiliary switches For use in dusty atmosphere and solid-state circuits with rated operating currents I_{th} /AC-14 and DC-13 from 1 mA to 300 mA at 3 V to 60 V. Hard gold-plated contacts. Mirror contacts according to EN 60947-4-1, Appendix F	1 -- -- 1 B		3RH19 21-2JE11	1	1 unit	101	0.052