

Selection and ordering data



3RH2911-1HA01



3RH2911-2HA01



3RH19 21-1HA .



3RH19 21-2HA . .

For contactors/ control relays	Rated operational Current <sup>3)</sup> 6A NEMA A600/Q600	Contactor with HS block Ident. No.	Connections position	Auxiliary contacts				Screw Terminals <sup>1)</sup>  Order No.	Spring Terminals <sup>1)</sup>  Order No.
				Version					
Type				NO	NC	NO	NC		

Auxiliary switch blocks for snapping onto the front according to EN 50012 (also compliant with the requirements according to EN 50005)

Size S00 <sup>2)</sup>

For assembling contactors with 2, 3, 4, or 5 auxiliary contacts

3RT201., Ident. No. 10E	<b>11E</b>	—	1	—	—	<b>3RH2911-1HA01</b>	<b>3RH2911-2HA01</b>
3RT231.	<b>12E</b>	—	2	—	—	<b>3RH2911-1HA02</b>	<b>3RH2911-2HA02</b>
3RT251.	<b>13E</b>	—	3	—	—	<b>3RH2911-1HA03</b>	<b>3RH2911-2HA03</b>
	<b>21E</b>	1	—	—	—	<b>3RH2911-1HA10</b>	<b>3RH2911-2HA10</b>
	<b>21E</b>	1	1	—	—	<b>3RH2911-1HA11</b>	<b>3RH2911-2HA11</b>
	<b>22E</b>	1	2	—	—	<b>3RH2911-1HA12</b>	<b>3RH2911-2HA12</b>
	<b>23E</b>	1	3	—	—	<b>3RH2911-1HA13</b>	<b>3RH2911-2HA13</b>
	<b>31E</b>	2	—	—	—	<b>3RH2911-1HA20</b>	<b>3RH2911-2HA20</b>
	<b>31E</b>	2	1	—	—	<b>3RH2911-1HA21</b>	<b>3RH2911-2HA21</b>
	<b>32E</b>	2	2	—	—	<b>3RH2911-1HA22</b>	<b>3RH2911-2HA22</b>
	<b>41E</b>	3	—	—	—	<b>3RH2911-1HA30</b>	<b>3RH2911-2HA30</b>
	<b>41E</b>	3	1	—	—	<b>3RH2911-1HA31</b>	<b>3RH2911-2HA31</b>

Size S0 to S3

For assembling contactors with 3, 4, or 5 auxiliary contacts

3RT202., Ident. No. 11E	<b>12E</b>	—	1	—	—	<b>3RH2911-1HA01</b>	<b>3RH2911-2HA01</b>
3RT232.	<b>13E</b>	—	2	—	—	<b>3RH2911-1HA02</b>	<b>3RH2911-2HA02</b>
3RT252.	<b>14E</b>	—	3	—	—	<b>3RH2911-1HA03</b>	<b>3RH2911-2HA03</b>
3RT203.	<b>21E</b>	1	—	—	—	<b>3RH2911-1HA10</b>	<b>3RH2911-2HA10</b>
3RT233.	<b>22E</b>	1	1	—	—	<b>3RH2911-1HA11</b>	<b>3RH2911-2HA11</b>
3RT235.	<b>23E</b>	1	2	—	—	<b>3RH2911-1HA12</b>	<b>3RH2911-2HA12</b>
	<b>24E</b>	1	3	—	—	<b>3RH2911-1HA13</b>	<b>3RH2911-2HA13</b>
	<b>31E</b>	2	—	—	—	<b>3RH2911-1HA20</b>	<b>3RH2911-2HA20</b>
	<b>32E</b>	2	1	—	—	<b>3RH2911-1HA21</b>	<b>3RH2911-2HA21</b>
	<b>33E</b>	2	2	—	—	<b>3RH2911-1HA22</b>	<b>3RH2911-2HA22</b>
	<b>41E</b>	3	—	—	—	<b>3RH2911-1HA30</b>	<b>3RH2911-2HA30</b>
	<b>42E</b>	3	1	—	—	<b>3RH2911-1HA31</b>	<b>3RH2911-2HA31</b>

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

Sizes S6 to S12

4-pole

3RT1. 4 to 3RT1. 7, 3RT11.	<b>22</b>	(with location digits 5, 6, 7, 8)	2	2	—	<b>3RH1921-1XA22-0MA0</b>	<b>3RH1921-2XA22-0MA0</b>
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EN50005 and EN50012 designate the markings of the auxiliary terminal numbers.

For position of the terminals see pages 2/204-2/208.

For int. circuit diagrams see page 2/192.

3RH29 aux blocks are not intended for use with 3RT1 or 3RH1 contactors and relays.

3RH19 aux blocks are not intended for use with 3RT2 or 3RH2 contactors and relays.

For auxiliary switch blocks for 3RH2140 and 3RH2440 see page 2/53.

1) The 3RH2911-.HA.. aux. switches are available with ring-lug terminals. Replace the 8th digit of the Order No. with a "4".

2) Size S00 can be mounted according to EN 50012 only on basic units which have no integrated NC contact.

3) UL ratings: See appendix page 19/7

Selection and ordering data



3RH2911-1FA40



3RH2911-2FA40



3RH19 21-1C...



3RH19 21-2C...



3RH19 21-1LA...



3RH19 21-1MA..

For contactors/ control relays	Rated operational Current <sup>3)</sup> 6A NEMA A600/Q600	Contactor with HS block Ident. No.	Connections position	Auxiliary contacts				Screw Terminals <sup>1)</sup>  Order No.	Spring Terminals <sup>1)</sup>  Order No.
				Version					
Type				NO	NC	NO	NC		

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

Sizes S00 to S3

2- or 4-pole auxiliary switch blocks for assembling contactors with 3 and 5 or 4 and 6 auxiliary contacts

Type	Rated operational current	Connections position	NO	NC	NO	NC	Screw Terminals <sup>1)</sup>	Spring Terminals <sup>1)</sup>
3RT2. 1.,	40		4	—	—	—	3RH2911-1FA40	3RH2911-2FA40
3RT2. 2.,	22		2	2	—	—	3RH2911-1FA22	3RH2911-2FA22
3RT2. 3.,	04 <sup>1)</sup>		—	4	—	—	3RH2911-1FA04	3RH2911-2FA04
3RH21 ..,	11 <sup>2)</sup>		—	—	1	1	3RH2911-1FB11	3RH2911-2FB11
3RH24 ..	22 <sup>2)</sup>		1	1	1	1	3RH2911-1FB22	3RH2911-2FB22
	22 <sup>2)</sup>		—	—	2	2	3RH2911-1FC22	3RH2911-2FC22

1- and 2- pole auxiliary switch blocks, cable entry from above or below

Type	Rated operational current	Connections position	NO	NC	NO	NC	Screw Terminals <sup>1)</sup>	Spring Terminals <sup>1)</sup>
3RT2. 1.,	10	Top	1	—	—	—	3RH2911-1AA10	—
3RT2. 2.,		Bottom	1	—	—	—	3RH2911-1BA10	—
3RT2. 3.,	01	Top	—	1	—	—	3RH2911-1AA01	—
3RH21 ..,		Bottom	—	1	—	—	3RH2911-1BA01	—
3RH24 ..	11	Top	1	1	—	—	3RH2911-1LA11	—
		Bottom	1	1	—	—	3RH2911-1MA11	—
	20	Top	2	—	—	—	3RH2911-1LA20	—
		Bottom	2	—	—	—	3RH2911-1MA20	—

Sizes S6 to S12

Single-pole auxiliary switch blocks (also compliant with EN 5001<sup>2)</sup>)

Type	Rated operational current	Connections position	NO	NC	NO	NC	Screw Terminals <sup>1)</sup>	Spring Terminals <sup>1)</sup>
3RT1. 4 to	—		1	—	—	—	3RH1921-1CA10	3RH1921-2CA10
3RT1. 7,	—		—	1	—	—	3RH1921-1CA01	3RH1921-2CA01
3RT11	—		—	—	1	—	3RH1921-1CD10	—
	—		—	—	—	1	3RH1921-1CD01	—

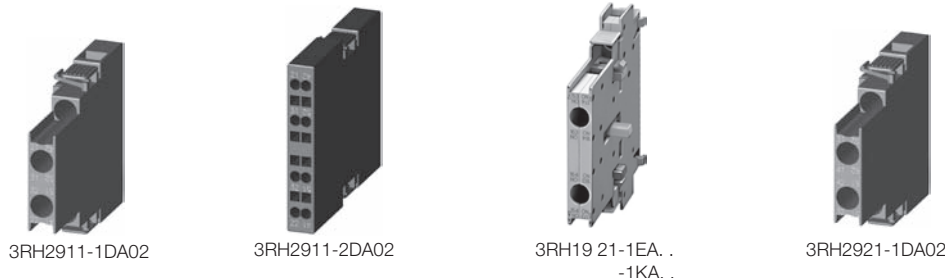
EN50005 and EN50012 designate the markings of the auxiliary terminal numbers. For position of the terminals see pages 2/204-2/208. For int. circuit diagrams see page 2/192.

1) Mounting is permitted only on basic units which have no integrated NC contact.

3) UL ratings: See appendix page 19/7

2) Version with early make and delayed break contacts

Selection and ordering data



For contactors/ control relays	Rated operational Current <sup>4)</sup> 6A NEMA A600/Q600	Contactor with HS block Ident. No.	Mountable to contactor/ contactor relay side	Auxiliary contacts		Screw Terminals <sup>1)</sup>  Order No.	Spring Terminals <sup>1)</sup>  Order No.
				Version			
Type				NO	NC		

Laterally mountable auxiliary switch blocks according to EN 50012

Laterally mountable auxiliary switch block, 2-pole							
<b>Size S00</b> <sup>1) 2)</sup>							
3RT201. Ident. No. 10E	A600/Q600 A600/Q600	<b>12E</b> <b>21E</b>	right or left right or left	— 1	2 1	<b>3RH2911-1DA02</b> <b>3RH2911-1DA11</b>	<b>3RH2911-2DA02</b> <b>3RH2911-2DA11</b>
<b>Size S0 to S3</b>							
3RT2.2. <sup>3)</sup> Ident.No. 11E	A600/Q600 A600/Q600	<b>13E</b> <b>22E</b>	right or left right or left	— 1	2 1	<b>3RH2921-1DA02</b> <b>3RH2921-1DA11</b>	<b>3RH2921-2DA02</b> <b>3RH2921-2DA11</b>
3RT2.3.	A600/Q600	<b>31E</b>	right or left	2	—	<b>3RH2921-1DA20</b>	<b>3RH2921-2DA20</b>
First laterally mountable auxiliary switch block, 2-pole							
<b>Sizes S6 to S12</b>							
3RT1. 3 to 3RT1. 7	A600/Q600		right or left	1	1	<b>3RH1921-1DA11</b>	<b>3RH1921-2DA11</b>
Second laterally mountable auxiliary switch block, 2-pole							
<b>Sizes S6 to S12</b>							
3RT1. 4 to 3RT1. 7	A300/Q300		right or left	1	1	<b>3RH1921-1JA11</b>	<b>3RH1921-2JA11</b>

Laterally mountable auxiliary switch blocks according to EN 50005

First laterally mountable auxiliary switch block, 2-pole							
<b>Sizes S00</b> <sup>1) 2)</sup>							
3RT2.1. Ident.No. 10E	A600/Q600 A600/Q600 A600/Q600	<b>02</b> <b>11</b> <b>20</b>	right or left right or left right or left	— 1 2	2 1 —	<b>3RH2911-1DA02</b> <b>3RH2911-1DA11</b> <b>3RH2911-1DA20</b>	<b>3RH2911-2DA02</b> <b>3RH2911-2DA11</b> <b>3RH2911-2DA20</b>
<b>Sizes S0 to S3</b>							
3RT2.2., 3RT2.3. <sup>3)</sup>	A600/Q600 A600/Q600 A600/Q600	<b>02</b> <b>11</b> <b>20</b>	right or left right or left right or left	— 1 2	2 1 —	<b>3RH2921-1DA02</b> <b>3RH2921-1DA11</b> <b>3RH2921-1DA20</b>	<b>3RH2921-2DA02</b> <b>3RH2921-2DA11</b> <b>3RH2921-2DA20</b>
<b>Sizes S6 to S12</b>							
3RT1. 4 to 3RT1. 7	A300/Q300 A300/Q300 A300/Q300		right or left right or left right or left	— 1 2	2 1 —	<b>3RH1921-1EA02</b> <b>3RH1921-1EA11</b> <b>3RH1921-1EA20</b>	<b>3RH1921-2EA02</b> — <b>3RH1921-2EA20</b>
Second laterally mountable auxiliary switch block, 2-pole							
<b>Sizes S6 to S12</b>							
3RT1. 4 to 3RT1. 7	A300/Q300 A300/Q300 A300/Q300		right or left right or left right or left	— 1 2	2 1 —	<b>3RH1921-1KA02</b> <b>3RH1921-1KA11</b> <b>3RH1921-1KA20</b>	<b>3RH1921-2KA02</b> — <b>3RH1921-2KA20</b>

EN50005 and EN50012 designate the markings of the auxiliary terminal numbers.  
For position of the terminals see pages 2/204-2/208.  
For int. circuit diagrams see pages 2/192-2/197.

- 1) With size S00, mounting according to EN 50012 is permitted only on basic units which have no NC contact integrated.
- 2) Ident. No. 41, 32 and 23 according to EN 50012 is also possible. Please note the corresponding circuit diagrams for mounting 3RH29 11-1DA.. on the left.
- 3) With 3RT23 2., 3RT25. 2. mountable only on the right.
- 4) UL ratings: See appendix page 19/7

# Accessories for 3RT contactors / 3RH control relays

## Solid-state auxiliary switch blocks

### Selection and ordering data

- Operation in dusty atmospheres
- Solid-state circuits with rated operational currents  $I_e$ /AC-14 and DC-13 from 1 ... 300 mA at 3 ... 60 V
- Hard gold-plated contacts
- Mirror contacts according to EN 60947-4-1, Appendix F, for laterally mountable auxiliary switches

### Selection and ordering data



3RH2911-1NF02



3RH2911-2NF02



3RH2911-2DE11



3RH1921-2DE11



3RH19 21-2DE11

For contactors/ control relays	Contactor with HS block Ident. No.	Mountable to contactor/ contactor relay side	Auxiliary contacts Version	Screw Terminals <sup>1)</sup>	Spring Terminals <sup>1)</sup>
Type			NO NC NO NC	Order No.	Order No.

### Solid-state compatible auxiliary switch blocks for snapping onto the front according to EN 50005<sup>1)</sup>

#### Sizes S00 to S3

3RT2. 1., 3RT2.2., 3RT2.3.	02 11	— —	— —	2 1	3RH2911-1NF02 3RH2911-1NF11 3RH2911-1NF20	3RH2911-2NF02 3RH2911-2NF11 3RH2911-2NF20
3RH21 .., 3RH24 ..	20	—	—	—		

#### Sizes S6 to S12

3RT1. 4 to 3RT1. 7	— —	—	1 —	1 2	3RH1921-1FE22	3RH19 21-2FE22 3RH1921-2FJ22
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### Solid-state compatible auxiliary switch blocks, laterally mountable, according to EN 50012

#### First laterally mountable auxiliary switch block, 2-pole

3RT2. 1., Ident. No. 10E	21E	right	1	—	—	1	—	3RH2911-2DE11
3RT2. 2, 3RT2. 3 Ident. No. 10E	22E	right	1	—	—	1	—	3RH2921-2DE11
3RT1. 4 to 3RT1. 7		right or left	1	—	—	1	—	3RH1921-2DE11

#### Second laterally mountable auxiliary switch block, 2-pole

3RT1. 4 to 3RT1. 7		right or left	1	—	—	1	—	3RH1921-2JE11
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### Solid-state compatible auxiliary switch blocks, laterally mountable, according to EN 50005

3RT2. 1., Ident. No. 10E	11	right or left	1	—	—	1	—	3RH2911-2DE11
3RT2. 2., 3RT2. 3	11	right or left	1	—	—	1	—	3RH2921-2DE11

EN50005 and EN50012 designate the markings of the auxiliary terminal numbers.  
For position of the terminals see pages 2/204 -2/208.  
For int. circuit diagrams see pages 2/192-2/197.

1) The 3RH29 11-.NF.. auxiliary switches are also available with ring lug terminal connection. The 8th digit of the order number must be replaced with "4", e. g.: 3RH2911-1NF11 -> 3RH2911-4NF11

2) Size S00 can be mounted according to EN 50012 only on basic units which have no integrated NC contact.