22. Variants

The SCB is available in different versions. These differ, for example, in the type and number of safe outputs/contacts, the function of the signal outputs or the terminal type.

To simplify the selection of your SCB, follow the following 4 steps and select the desired function. Table 13 will help you to find the right SCB for your requirements.

Step 1: Select the contact configuration. Choose between:

- 2 safe relay contacts
- 3 safe semiconductor outputs
- 2 safe relay contacts and 2 safe semiconductor outputs

Step 2: Select the time range:

- 0 to 99 seconds
- 0 to 99 minutes
- 0 to 99 hours

Step 3: Switching behaviour of the auxiliary outputs

- F1 and F2:
  - AUX C1 serves as immediate output for the time-delayed safe outputs/ contacts
  - AUX C2 serves as fault signaling
- F3 and F4:
  - AUX C1 switches inverted to non-time-delayed safe outputs/contacts
  - AUX C2 switches inverted to time-delayed safe outputs/contacts
- F5 and F6:
  - AUX C1 switches parallel to safe contacts
  - AUX C2 switches inverted to safe contacts

Schritt 4: Type of terminals

- Plug-in screw terminals
- Plug-in spring-cage termials

Step 1	Step 2	Step 3		Step 4	➡	Your SCB	
Output/Contact configuration	Time range	Function AUX C1	Function AUX C2	Type of terminals	➡	Type	Order No.:
2 safe relay contacts	0 to 99 sec.	F1	F2	screw	➡	SCB-02	474490
				spring-cage	➡	SCB-02	475490
		F5	F6	screw	➡	SCB-02-01	474495
				spring-cage	➡	SCB-02-01	475495
	0 to 99 min.	F1	F2	screw	➡	SCB-02m	474491
				spring-cage	➡	SCB-02m	475491
		F5	F6	screw	➡	SCB-02m-01	474496
				spring-cage	➡	SCB-02m-01	475496
	0 to 99 h.	F1	F2	screw	➡	SCB-02h	474492
				spring-cage	➡	SCB-02h	475492
		F5	F6	screw	➡	SCB-02h-01	474497
				spring-cage	➡	SCB-02h-01	475497
3 safe semiconductor outputs	0 to 99 sec.	F1	F2	screw	➡	SCB-03	474480
				spring-cage	➡	SCB-03	475480
		F3	F4	screw	➡	SCB-03-01	474485
				spring-cage	➡	SCB-03-01	475485
	0 to 99 min.	F1	F2	screw	➡	SCB-03m	474481
				spring-cage	➡	SCB-03m	475481
		F3	F4	screw	➡	SCB-03m-01	474486
				spring-cage	➡	SCB-03m-01	475486
	0 to 99 h.	F1	F2	screw	➡	SCB-03h	474482
				spring-cage	➡	SCB-03h	475482
		F3	F4	screw	➡	SCB-03h-01	474487
				spring-cage	➡	SCB-03h-01	475487
2 safe relay contacts and 2 safe semiconductor outputs	0 to 99 sec.	F1	F2	screw	➡	SCB-04	474460
				spring-cage	➡	SCB-04	475460
		F3	F4	screw	➡	SCB-04-01	474465
				spring-cage	➡	SCB-04-01	475465
	0 to 99 min.	F1	F2	screw	➡	SCB-04m	474461
				spring-cage	➡	SCB-04m	475461
		F3	F4	screw	➡	SCB-04m-01	474466
				spring-cage	➡	SCB-04m-01	475466
	0 to 99 h.	F1	F2	screw	➡	SCB-04h	474462
				spring-cage	➡	SCB-04h	475462
		F3	F4	screw	➡	SCB-04h-01	474467
				spring-cage	➡	SCB-04h-01	475467

Table 13: Selection list - SCB variants

Table 14 shows the list of variants, broken down by order number.

Variants incl. plug-in screw terminals:

Order no.	474460	SCB-04, DC 24 V,	2 semiconductor outputs, 2 relay contacts,	time range 0 - 99 s
Order no.	474480	SCB-03, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 s
Order no.	474490	SCB-02, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 s
Order no.	474461	SCB-04m, DC 24 V,	2 semiconductor outputs, 2 relay contacts,	time range 0 - 99 min
Order no.	474481	SCB-03m, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 min
Order no.	474491	SCB-02m, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 min
Order no.	474462	SCB-04h, DC 24 V,	2 semiconductor outputs2 relay contacts,	time range 0 - 99 h
Order no.	474482	SCB-03h, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 h
Order no.	474492	SCB-02h, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 h
Order no.	474465	SCB-04-01, DC 24 V,	2 semiconductor outputs, 2 relay contacts,	time range 0 - 99 s
Order no.	474485	SCB-03-01, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 s
Order no.	474495	SCB-02-01, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 s
Order no.	474466	SCB-04m-01, DC 24 V,	2 semiconductor outputs2 Relais-Kontakte,	time range 0 - 99 min
Order no.	474486	SCB-03m-01, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 min
Order no.	474496	SCB-02m-01, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 min
Order no.	474467	SCB-04h-01, DC 24 V,	2 semiconductor outputs, 2 relay contacts,	time range 0 - 99 h
Order no.	474487	SCB-03h-01, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 h
Order no.	474497	SCB-02h-01, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 h

Variants incl. plug-in spring-cage terminals:

Order no.	475460	SCB-04, DC 24 V,	2 semiconductor outputs, 2 relay contacts,	time range 0 - 99 s
Order no.	475480	SCB-03, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 s
Order no.	475490	SCB-02, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 s
Order no.	475461	SCB-04m, DC 24 V,	2 semiconductor outputs, 2 relay contacts,	time range 0 - 99 min
Order no.	475481	SCB-03m, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 min
Order no.	475491	SCB-02m, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 min
Order no.	475462	SCB-04h, DC 24 V,	2 semiconductor outputs2 relay contacts,	time range 0 - 99 h
Order no.	475482	SCB-03h, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 h
Order no.	475492	SCB-02h, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 h
Order no.	475465	SCB-04-01, DC 24 V,	2 semiconductor outputs, 2 relay contacts,	time range 0 - 99 s
Order no.	475485	SCB-03-01, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 s
Order no.	475495	SCB-02-01, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 s
Order no.	475466	SCB-04m-01, DC 24 V,	2 semiconductor outputs2 Relais-Kontakte,	time range 0 - 99 min
Order no.	475486	SCB-03m-01, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 min
Order no.	475496	SCB-02m-01, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 min
Order no.	475467	SCB-04h-01, DC 24 V,	2 semiconductor outputs, 2 relay contacts,	time range 0 - 99 h
Order no.	475487	SCB-03h-01, DC 24 V,	3 semiconductor outputs, 0 relay contacts,	time range 0 - 99 h
Order no.	475497	SCB-02h-01, DC 24 V,	0 semiconductor outputs, 2 relay contacts,	time range 0 - 99 h

Table 14: Variant list - SCB