

NSL..S contactor relays - with spring terminals

DC operated



NSL22ES

Description

NSL..S contactor relays are used for switching auxiliary and control circuits. These contactor relays are designed with:

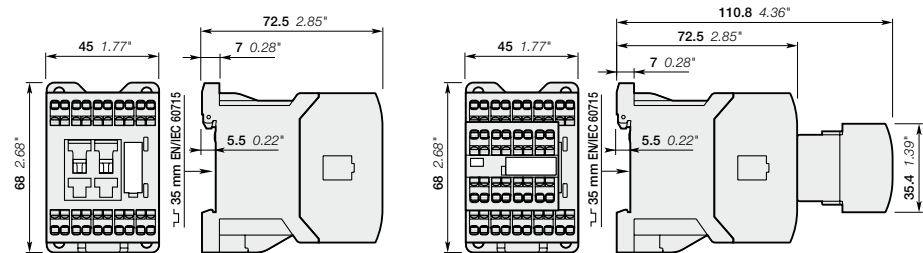
- spring terminals
- 4 poles or 8 poles. Contactor relays have mechanically linked auxiliary contact elements (side-marked symbol)
- control circuit: low coil consumption (3 W at pull-in and holding) DC operated with solid core magnet. Suitable for direct control by PLC outputs (the polarity on the coil terminals A1+ and A2- must be respected)
- add-on auxiliary contact blocks for front mounting and a comprehensive range of accessories.

Ordering details

Number of contacts		Rated control circuit voltage Uc (1) V DC	Type	Order code	Weight Pkg (1 pce) kg
1st stack	2nd stack				
		24	NSL22ES-81	1SBH103004R8122	0.280
		48	NSL22ES-83	1SBH103004R8322	0.280
		110	NSL22ES-86	1SBH103004R8622	0.280
		220	NSL22ES-88	1SBH103004R8822	0.280
		24	NSL31ES-81	1SBH103004R8131	0.280
		48	NSL31ES-83	1SBH103004R8331	0.280
		110	NSL31ES-86	1SBH103004R8631	0.280
		220	NSL31ES-88	1SBH103004R8831	0.280
		24	NSL40ES-81	1SBH103004R8140	0.280
		48	NSL40ES-83	1SBH103004R8340	0.280
		110	NSL40ES-86	1SBH103004R8640	0.280
		220	NSL40ES-88	1SBH103004R8840	0.280
		24	NSL44ES-81	1SBH103004R8144	0.320
		48	NSL44ES-83	1SBH103004R8344	0.320
		110	NSL44ES-86	1SBH103004R8644	0.320
		220	NSL44ES-88	1SBH103004R8844	0.320
		24	NSL53ES-81	1SBH103004R8153	0.320
		48	NSL53ES-83	1SBH103004R8353	0.320
		110	NSL53ES-86	1SBH103004R8653	0.320
		220	NSL53ES-88	1SBH103004R8853	0.320
		24	NSL62ES-81	1SBH103004R8162	0.320
		48	NSL62ES-83	1SBH103004R8362	0.320
		110	NSL62ES-86	1SBH103004R8662	0.320
		220	NSL62ES-88	1SBH103004R8862	0.320
		24	NSL71ES-81	1SBH103004R8171	0.320
		48	NSL71ES-83	1SBH103004R8371	0.320
		110	NSL71ES-86	1SBH103004R8671	0.320
		220	NSL71ES-88	1SBH103004R8871	0.320
		24	NSL80ES-81	1SBH103004R8180	0.320
		48	NSL80ES-83	1SBH103004R8380	0.320
		110	NSL80ES-86	1SBH103004R8680	0.320
		220	NSL80ES-88	1SBH103004R8880	0.320

Note: for multiple packaging, please contact your ABB local sales organization.
(1) Other control voltages see voltage code table.

Main dimensions mm, inches



NSL22ES, NSL31ES, NSL40ES

NSL44ES, NSL53ES, NSL62ES, NSL71ES, NSL80ES

1SBC101482S0201

Voltage code table

The below tables indicate the available coil voltages and corresponding digits for order codes. When placing an order, please give either type or order code. Select a standard contactor from ordering detail pages. Change the **coil voltage code** in the type or in the order code according to the table below. Example: for contactor AS09-30-10S and coil 42 V 50/60 Hz, type is AS09-30-10S-**21** and order code is 1SBL101004R**21**10.

3-pole contactors - with spring terminals

Type

AS16 - 30 - 10S - 26

Auxiliary contacts

N.O. N.C.

N.O. N.C.

Main contacts

AS .. S

ASL .. S

Contactor type

AC operated

DC operated

Order code

1SBL121004R 26 10

AC coil code

	50 Hz	60 Hz
20	24 V	24 V
21	42 V	42 V
22	48 V	48 V
23	110 V	110 V
24	115 V	115 V
16	-	120 V
25	220 V	220 V
26	230 V	230 V
27	240 V	240 V
17	-	277 V
13	380 V	-
28	400 V	400 V
29	415 V	415 V

DC coil code

80	12 V
81	24 V
83	48 V
84	60 V
86	110 V
87	125 V
88	220 V
89	240 V

Contactor relays - with spring terminals

Type

NS 40 ES - 26

N.O. N.C.

Number contacts

NS .. S

NSL .. S

Contactor type

AC operated

DC operated

Order code

1SBH101004R 26 40

AC coil code

	50 Hz	60 Hz
20	24 V	24 V
21	42 V	42 V
22	48 V	48 V
23	110 V	110 V
24	115 V	115 V
16	-	120 V
25	220 V	220 V
26	230 V	230 V
27	240 V	240 V
17	-	277 V
13	380 V	-
28	400 V	400 V
29	415 V	415 V

DC coil code

80	12 V
81	24 V
83	48 V
84	60 V
86	110 V
87	125 V
88	220 V
89	240 V