

ASL09..S ... ASL16..S 3-pole contactors

4 to 7.5 kW

DC operated - with spring terminals



ASL09-30-10S

ASL09..S ... ASL16..S contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC and 220 V DC.

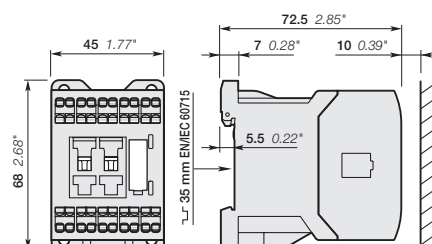
These contactors are of the block type design with:

- spring terminals
- 3 main poles and 1 built-in auxiliary contact
- control circuit: low 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 comprehensive range of accessories.

IEC		UL/CSA		Rated control circuit voltage U _c (1)	Auxiliary contacts fitted	Type	Order code	Weight Pkg (1 pce) kg
Rated operational power	current ≤ 40 °C	3-phase motor rating 480 V	General use rating 600 V AC					
400 V								
AC-3	AC-1							
kW	A	hp	A	V DC				
4	20	5	12	24	1 0	ASL09-30-10S-81	1SBL103004R8110	0.280
					0 1	ASL09-30-01S-81	1SBL103004R8101	0.280
5.5	22	7.5	12	24	1 0	ASL12-30-10S-81	1SBL113004R8110	0.280
					0 1	ASL12-30-01S-81	1SBL113004R8101	0.280
7.5	22	10	15.2	24	1 0	ASL16-30-10S-81	1SBL123004R8110	0.280
					0 1	ASL16-30-01S-81	1SBL123004R8101	0.280

Note: for multiple packaging, please contact your ABB local sales organization.

(1) Other control voltages see voltage code table.



ASL09..S, ASL12..S, ASL16..S

Main dimensions mm, inches

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 1SBL101004R2110.

3-pole contactors - with spring terminals

Type

AS16 - 30 - 10 S - 26

AS

ASL

Contactor type

AC operated

DC operated

Auxiliary contacts

N.O. N.C.

N.O. N.C.

Main contacts

Order code

1SBL121004R 26 10

Contactor with spring terminal

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 E S - 26

NS

NSL

Contactor type

AC operated

DC operated

Contactor with spring terminal

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