

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

4 to 7.5 kW

DC operated - with spring terminals



ASL09-30-10S

Description

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.

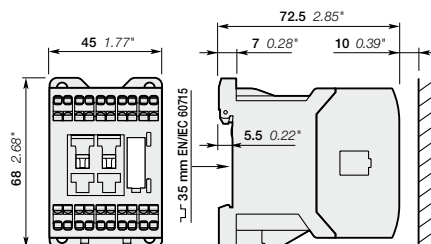
Ordering details

IEC		UL/CSA		Rated control circuit voltage Uc	Auxiliary contacts fitted	Type	Order code	Weight
Rated operational power	Rated operational current $\theta \leq 40^\circ\text{C}$	3-phase motor rating	General use rating	(1)				
400 V AC-3	AC-1	hp	A	V DC				Pkg (1 pce)
kW	A	hp	A	V DC				kg
4	20	5	12	24	1 0	ASL09-30-10S-81	1SBL103004R8110	0.280
					0 1	ASL09-30-01S-81	1SBL103004R8101	0.280
				48	1 0	ASL09-30-10S-83	1SBL103004R8310	0.280
					0 1	ASL09-30-01S-83	1SBL103004R8301	0.280
				110	1 0	ASL09-30-10S-86	1SBL103004R8610	0.280
					0 1	ASL09-30-01S-86	1SBL103004R8601	0.280
				220	1 0	ASL09-30-10S-88	1SBL103004R8810	0.280
					0 1	ASL09-30-01S-88	1SBL103004R8801	0.280
				24	1 0	ASL12-30-10S-81	1SBL113004R8110	0.280
					0 1	ASL12-30-01S-81	1SBL113004R8101	0.280
5.5	22	7.5	12	48	1 0	ASL12-30-10S-83	1SBL113004R8310	0.280
					0 1	ASL12-30-01S-83	1SBL113004R8301	0.280
				110	1 0	ASL12-30-10S-86	1SBL113004R8610	0.280
					0 1	ASL12-30-01S-86	1SBL113004R8601	0.280
				220	1 0	ASL12-30-10S-88	1SBL113004R8810	0.280
					0 1	ASL12-30-01S-88	1SBL113004R8801	0.280
				24	1 0	ASL16-30-10S-81	1SBL123004R8110	0.280
					0 1	ASL16-30-01S-81	1SBL123004R8101	0.280
				48	1 0	ASL16-30-10S-83	1SBL123004R8310	0.280
					0 1	ASL16-30-01S-83	1SBL123004R8301	0.280
7.5	22	10	15.2	110	1 0	ASL16-30-10S-86	1SBL123004R8610	0.280
					0 1	ASL16-30-01S-86	1SBL123004R8601	0.280
				220	1 0	ASL16-30-10S-88	1SBL123004R8810	0.280
					0 1	ASL16-30-01S-88	1SBL123004R8801	0.280

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

(1) Other control voltages see voltage code table.

Main dimensions mm, inches



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