

ASL09 ... ASL16 3-pole contactors

4 to 7.5 kW

DC operated



ASL09-30-10

Description

ASL09 ... ASL16 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:

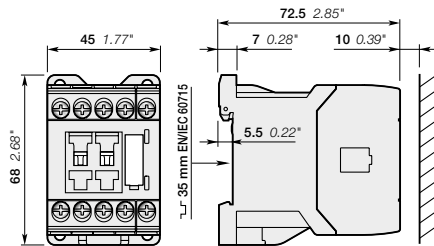
- 3 main poles and 1 built-in auxiliary contact
- control circuit: low consumption (3 W at pull-in and holding) DC operated with solid core magnet. Suitable for direct control by PLC outputs (the polarity on the coil terminals A1+ and A2- must be respected)
- add-on auxiliary contact blocks for front mounting and a 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 $\theta \leq 40\text{ }^{\circ}\text{C}$	3-phase motor rating 480 V	General use rating 600 V AC	(1)				Pkg (1 pce)
400 V AC-3 kW	AC-1 A	hp	A	V DC	 			kg
4	22	5	20	24	1 0	ASL09-30-10-81	1SBL103001R8110	0.280
					0 1	ASL09-30-01-81	1SBL103001R8101	0.280
				48	1 0	ASL09-30-10-83	1SBL103001R8310	0.280
					0 1	ASL09-30-01-83	1SBL103001R8301	0.280
				110	1 0	ASL09-30-10-86	1SBL103001R8610	0.280
					0 1	ASL09-30-01-86	1SBL103001R8601	0.280
				220	1 0	ASL09-30-10-88	1SBL103001R8810	0.280
					0 1	ASL09-30-01-88	1SBL103001R8801	0.280
5.5	24	7.5	20	24	1 0	ASL12-30-10-81	1SBL113001R8110	0.280
					0 1	ASL12-30-01-81	1SBL113001R8101	0.280
				48	1 0	ASL12-30-10-83	1SBL113001R8310	0.280
					0 1	ASL12-30-01-83	1SBL113001R8301	0.280
				110	1 0	ASL12-30-10-86	1SBL113001R8610	0.280
					0 1	ASL12-30-01-86	1SBL113001R8601	0.280
				220	1 0	ASL12-30-10-88	1SBL113001R8810	0.280
					0 1	ASL12-30-01-88	1SBL113001R8801	0.280
7.5	24	10	20	24	1 0	ASL16-30-10-81	1SBL123001R8110	0.280
					0 1	ASL16-30-01-81	1SBL123001R8101	0.280
				48	1 0	ASL16-30-10-83	1SBL123001R8310	0.280
					0 1	ASL16-30-01-83	1SBL123001R8301	0.280
				110	1 0	ASL16-30-10-86	1SBL123001R8610	0.280
					0 1	ASL16-30-01-86	1SBL123001R8601	0.280
				220	1 0	ASL16-30-10-88	1SBL123001R8810	0.280
					0 1	ASL16-30-01-88	1SBL123001R8801	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, ASL12, ASL16