

**A50 A63 A75    A95 A110    A145 A185    A210 A260 A300    AF400 AF460    AF580 AF750**

22	30	37	45	55	75	90	110	140	160	200	250	315	400
50	65	75	96	110	145	185	210	260	305	400	460	580	750
50	65	75	96	110	145	185	210	260	300	400	460	580	750
35	43	46	65	82	120	170	210	220	280	350	400	500	650
100	115	125	145	160	250	275	350	400	500	600	700	800	1050
85	95	105	135	145	230	250	300	350	400	500	600	700	800
70	80	85	115	130	180	180	240	290	325	400	480	580	720
35	50	50	50	70	120	150	185	240	300	2 x 185	2 x 240	2 x 240	bar / mm 2 x 80 x 5
1000						690							

A50-30-00 A63-30-00 A75-30-00	A95-30-00	A145-30-11 A110-30-00	A210-30-11 A185-30-11	A260-30-11 A300-30-11		
AF50-30-00 AF63-30-00 AF75-30-00	AF95-30-00	AF110-30-00	AF145-30-11 AF185-30-11	AF210-30-11 AF260-30-11 AF300-30-11	AF400-30-11 AF 460-30-11	AF 580-30-11 AF 750-30-11

CAL 5-11 2-pole, side mounting	CAL 5-11 2-pole, side mounting (1st block)	CAL 5-11 B 2-pole, side mounting (2nd block)
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Inverse timing - Front mounting	TE5S Independent mounting	TE5S Direct timing - Independent mounting
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VE 5-2	VM 300H	VM 750H
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RV 5 RC 5-2	RC 5-2	The built-in coil interface eliminates the need of extra surge suppressors on these sizes
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TA 75 DU... 29...42 36...52 45...63 60...80	TA 80 DU... 60...80 TA 110 DU... 65...90 80...110	TA 200 DU... 130...175 150...200 E 200 DU 60...200	TA 450 DU... 165...235 220...310 E 320 DU 100...320	Please consult us for thermal solution E 500 DU 150...500	E 800 DU 250...800
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# A 9 ... A 110 3-pole Contactors

a.c. Operated



## Application

A 9 ... A 110 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V a.c. / 1000 V a.c. or 220 V d.c. / 440 V d.c. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting.

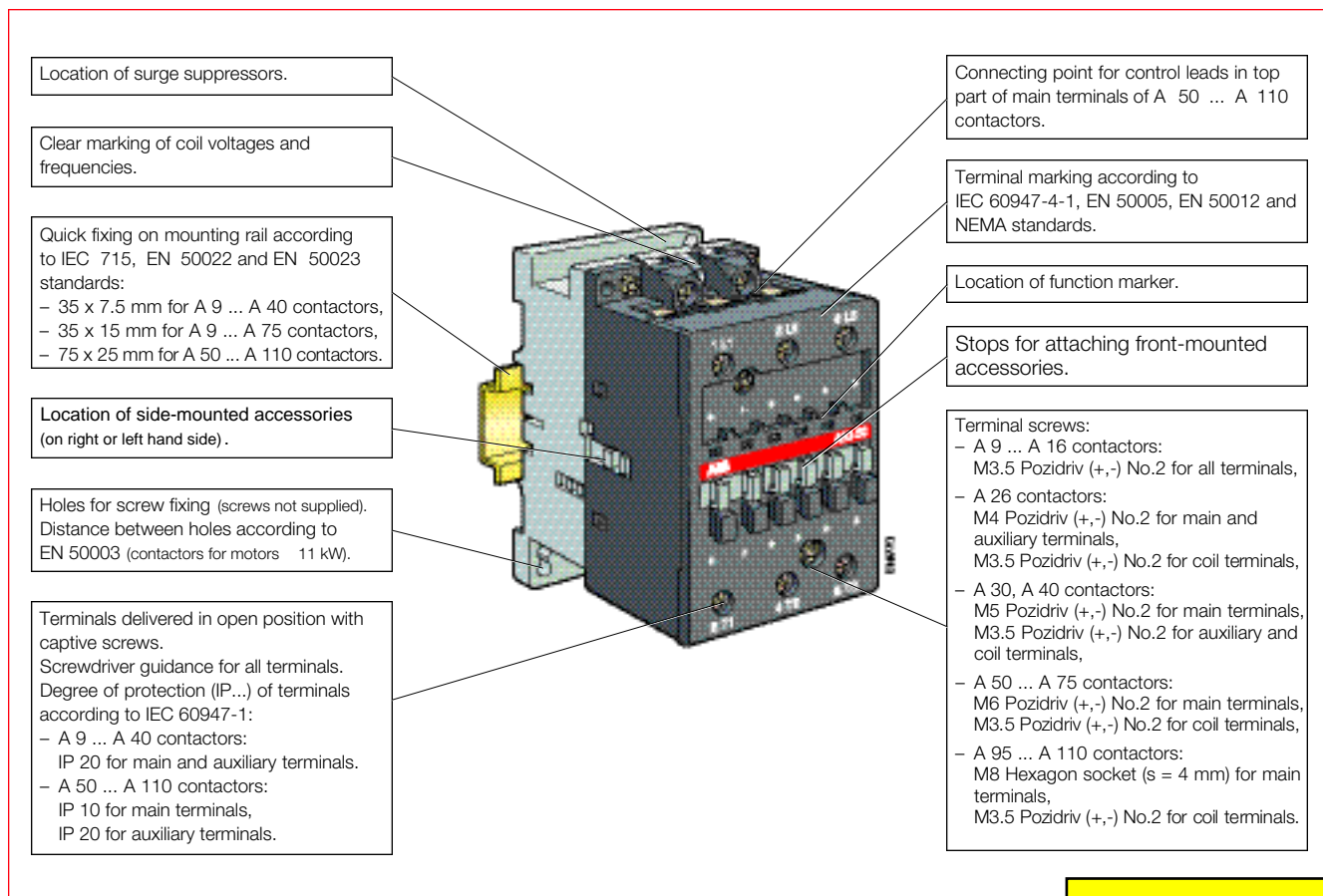
## Description

The A... series 3-pole contactors are of the block type design.

- Main poles and auxiliary contact blocks
  - A 9 ... A 40 1-stack contactors:**
    - 3 main poles,
    - 1 built-in auxiliary contact,
    - front and side mounted add-on auxiliary contact blocks.
  - A 50 ... A 110 contactors:**
    - 3 main poles,
    - front and side mounted add-on auxiliary contact blocks.
- Control circuit: a.c. operated with laminated magnet circuit
- Accessories: a wide range of accessories is available

## Variants

- 4-pole: A 9 ... A 75 contactors (with 4 N.O. or 2 N.O. + 2 N.C. main poles).
- a.c./d.c. operated controlled supply: AF 50 ... AF 110 contactors.
- d.c. operated: AE 9 ... AE 40 contactors.
- d.c. operated with large coil voltage range: TAE 50 ... TAE 110 contactors (on application).
- contactors for capacitor switching (UA..., UA..-R types),



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