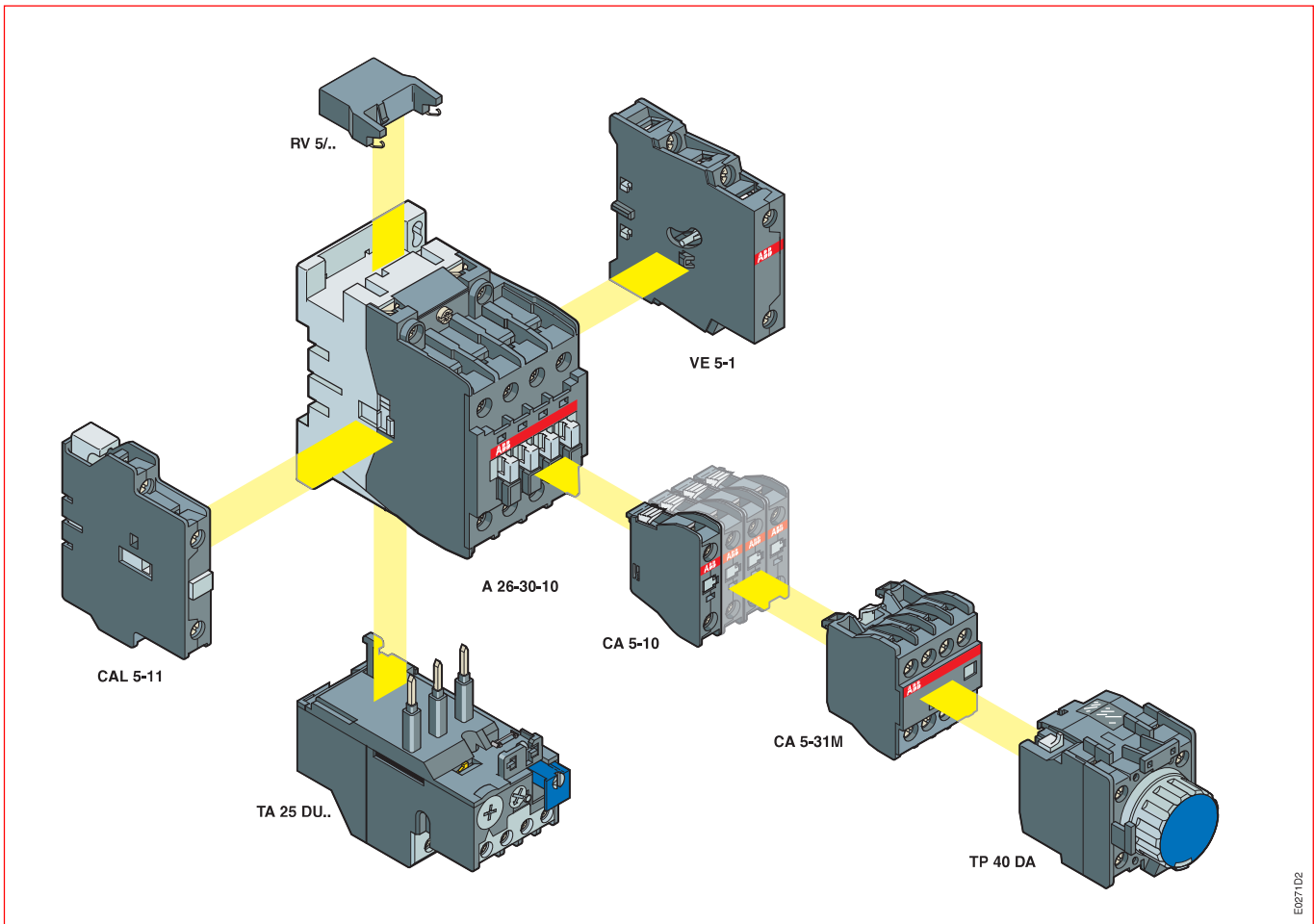


Accessories for A9 ... A110 3-pole Contactors



E0871D2

Contactors

A9 A12 A16

A26 A30 A40

A50 A63 A75

A95 A110

Thermal O/L relays



TA 25 DU	0.4 ...0.63	2.2...3.1	7.5...11	TA 42 DU	22...32
0.10...0.16	1.0 ...1.4	3.5...5.0	13 ...19		29...42
0.16...0.25	1.3 ...1.8	4.5...6.5	18 ...25		
0.25...0.4	1.7 ...2.4	6.0...8.5	24 ...32		

TA 75 DU	29...42
	36...52
	45...63
	60...80

TA80DU	60...80	TA110DU	65...90
			80...110

Auxiliary contacts



Front mounting	1 NO CA 5-10	1 NC CA 5-01
Side mounting	1 NO + 1 NC CAL 5-11	

Timers



Pneumatic direct	Pneumatic inverse
0.1 ... 40 s TP 40 DA	0.1 ... 40 s TP 40 IA
10 ... 180 s TP 180 DA	10 ... 180 s TP 180 IA

Electronic
TE5S

Interlocks



Mechanical / electrical VE 5-1	Mechanical / electrical VE 5-2
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Surge suppressors



24 ... 50 V ≙ RV 5/50	50 ... 133 V ≙ RV 5/133	110 ... 250 V ≙ RV 5/250	250 ... 440 V ≙ RV 5/440
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Accessories for A9 ... A110 3-pole Contactors

Ordering Details

Auxiliary Contact Blocks

Positioning	Mounting on :	Contacts	Type	Order code	Pack ^{ing} piece	Weight kg
Front face	A 9...A 110	1 -	CA 5-10	1SBN 01 0010 R1010	10	0.014
		- 1	CA 5-01	1SBN 01 0010 R1001	10	0.014
	A 9...A 40	3 1	CA 5-31 M	1SBN 01 0040 R1131	2	0.060
		2 2	CA 5-22 M	1SBN 01 0040 R1122	2	0.060
Side	A 9...A 110	1 1	CAL 5-11	1SBN 01 0020 R1011	2	0.050

Pneumatic Timers

Mounting on :	Timing range :	Contacts	Type	Order code	Pack ^{ing} piece	Weight kg
A 9...A 75	Direct 0.1...40s	1 1	TP 40 DA	1SBN 02 0300 R1000	1	0.070
	Direct 10...180s	1 1	TP 180 DA	1SBN 02 0300 R1001	1	0.070
	Inverse 0.1...40s	1 1	TP 40 IA	1SBN 02 0301 R1000	1	0.070
	Inverse 10...180s	1 1	TP 180 IA	1SBN 02 0301 R1001	1	0.070

Electronic Timers for star-delta starters (dwelling time 50 ms)

Mounting :	Timing range :	Supply voltage	Type	Order code	Pack ^{ing} piece	Weight kg
Independent	Direct 0.8...8 s or 6...60 s	24 a.c. / d.c.	TE5S-24	1SBN 02 0010 R1001	1	0.080
		110 ... 120 a.c.	TE5S-120	1SBN 02 0010 R1002	1	0.080
		220 ... 240 a.c.	TE5S-240	1SBN 02 0010 R1003	1	0.080
		380 ... 440 a.c.	TE5S-440	1SBN 02 0010 R1004	1	0.080

Interlocks

Feature	Mounting on :	Contacts	Type	Order code	Pack ^{ing} piece	Weight kg
Mech. / elec.	A 9...A 40	- 2	VE 5-1	1SBN 03 0110 R1000	1	0.076
	A 50...A 110	- 2	VE 5-2	1SBN 03 0210 R1000	1	0.146
Mechanical	A 9...A 40	- -	VM 5-1	1SBN 03 0100 R1000	1	0.066

Note : Use type VE 5-2 for mechanical and electrical interlocking between contactors A 40 and A 50.

Surge Suppressors

Feature	Mounting on :	Voltage range	Type	Order code	Pack ^{ing} piece	Weight kg
Varistor	A 9... A 110	24...50 V ≐	RV 5/50	1SBN 05 0010 R1000	2	0.015
		50...133 V ≐	RV 5/133	1SBN 05 0010 R1001	2	0.015
		110...250 V ≐	RV 5/250	1SBN 05 0010 R1002	2	0.015
		250...440 V ≐	RV 5/440	1SBN 05 0010 R1003	2	0.015
RC	A 9...A 40	24...50 V ~	RC 5-1/50	1SBN 05 0100 R1000	2	0.012
		50...133 V ~	RC 5-1/133	1SBN 05 0100 R1001	2	0.012
		110...250 V ~	RC 5-1/250	1SBN 05 0100 R1002	2	0.012
		250...440 V ~	RC 5-1/440	1SBN 05 0100 R1003	2	0.012
RC	A 50...A 110	24...50 V ~	RC 5-2/50	1SBN 05 0200 R1000	2	0.015
		50...133 V ~	RC 5-2/133	1SBN 05 0200 R1001	2	0.015
		110...250 V ~	RC 5-2/250	1SBN 05 0200 R1002	2	0.015
		250...440 V ~	RC 5-2/440	1SBN 05 0200 R1003	2	0.015

Auxiliary Lead Terminals

Feature	Mounting on :	Type	Order code	Pack ^{ing} piece	Weight kg
Clip-on	A 50...A 75	LK 75-L	1SBN 07 3552 R1003	2	0.006
	A 95, A 110	LK 110	1SFN 07 4352 R1000	2	0.010

Function Marker

Feature	Mounting on :	Type	Order code	Pack ^{ing} box	Weight kg
50 pcs in a box	A 9...A 110	BA 5-50	1SBN 11 0000 R1000	1	0.017

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