

World-wide support, industry-wide experience

*A-Line Contactors – fit to take you
and your products into the new millennium:*

- *ABB-Line – a system concept*
- *A complete range of ABB Contactors*
- *Easy to install*
- *Safe and simple to work with*
- *Improved environmental performance*
- *Comprehensive range of accessories*

ABB provides total support in the form of dedicated resources, highly developed technologies, highly trained manpower and internationally recognised standards. ABB has companies and representation in almost every country in the world, drawing upon more than one hundred years in the electrical business. International resources and a local presence. All products are supported by extensive research, constant testing and full documentation.

The new range of motor control apparatus is supported by technical documentation, drawing standards and design guides. This, with improved marking and more compact size, makes it easier than ever to integrate our products into your projects.



ABB

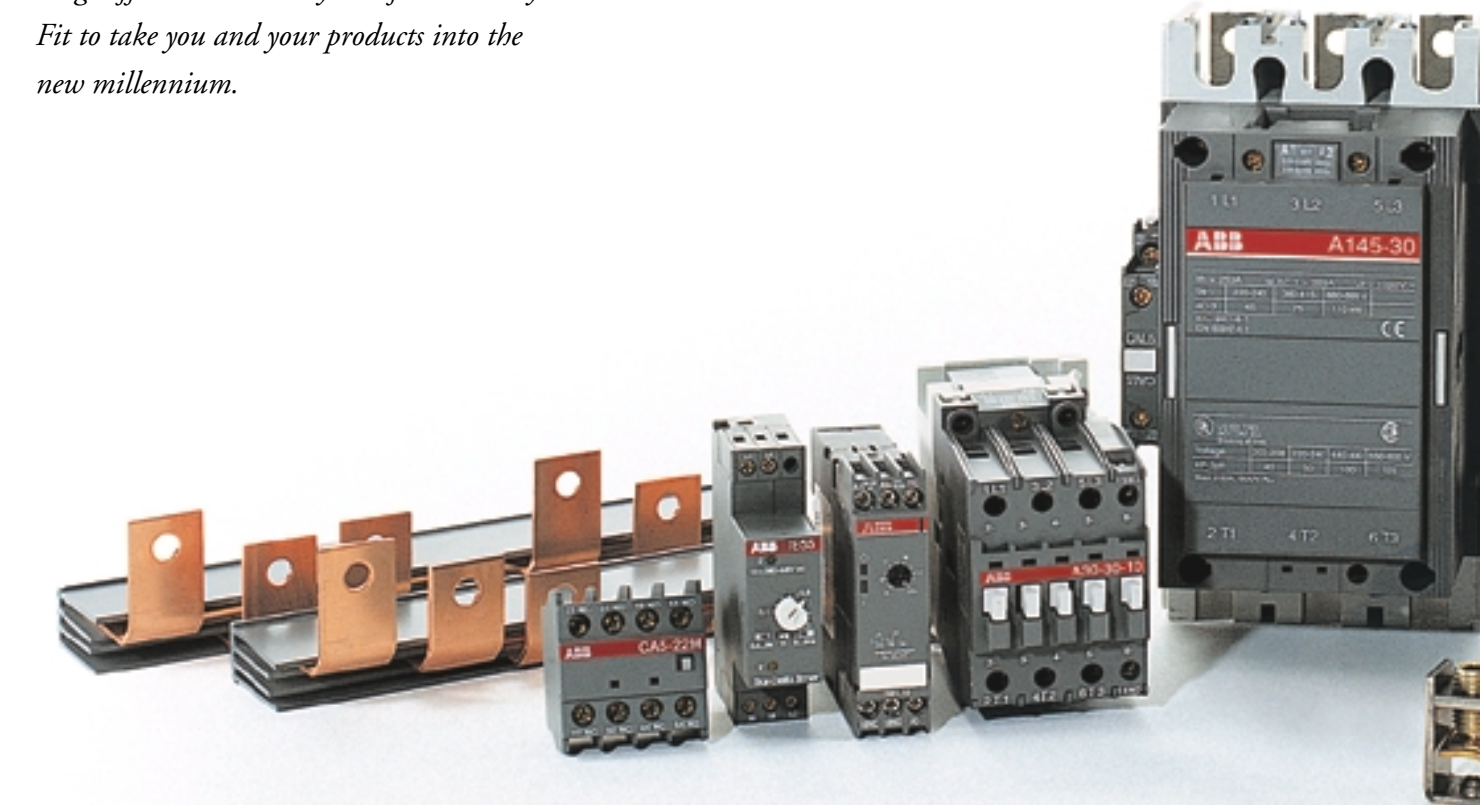
A-Line Contactors The complete range

A-Line Contactors The contactor range for the new millennium

*The A-Line contactor range has the same design
from 9A up to 750A (AC3 duty) motor loads
– and for a broad range of DC and other AC
applications. Thus making it easier to match
your needs with fewer components.*

*The new ABB-Line of low voltage motor
control and protection components is based on
the new A-Line contactors. It is the product of
the latest thinking in electrical design and
component layout, incorporating the most recent
developments in materials and electronics.*

*Developed from many years of experience and in
close cooperation with the customer, this new
range offers better total system functionality.
Fit to take you and your products into the
new millennium.*



ABB

Minicontactors B

Contactors A, three poles



Power rating AC-3, 400 V	4 kW	5.5 kW	4 kW	5.5 kW	7.5 kW	11 kW	15 kW	18.5 kW	22 kW	30 kW	37 kW	45 kW	55 kW	75 kW	90 kW
Types	B6	B7	A9	A12	A16	A26	A30	A40	A50	A63	A75	A95	A110	A145	A185
Order code (Voltage in clear text)	B6-30-10	B7-30-10	A9-30-10	A12-30-10	A16-30-10	A26-30-10	A30-30-10	A40-30-10	A50-30-00	A63-30-00	A75-30-00	A95-30-11	A110-30-11	A145-30-11	A185-30-11
Rated current AC-3, 400 V	9	12	9	12	17	26	32	37	50	65	75	96	110	145	185
415 V	8.5	11.5	9	12	17	26	32	37	50	65	72	96	110	145	185
690 V	-	-	7	9	10	17	-	21	35	43	46	65	82	120	170
Rated current AC-1, 40°C	20	20	25	27	30	45	55	60	100	115	125	145	160	250	275

Fuseless protection, 400 V, 50 kA

Types	MS325 Manual Motor Starter	Manual Motor Starter	MS495	S3/S4 Isomax breaker
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Fuse protection, 400 V, 80 kA

Types	OS Mini	OS32	OS63 Switch fuse	OS125 Switch fuse	OS160	OESA 250
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Thermal overload relays/Electronic overload relays

Thermal	T 6 DU	TA 25 DU, TA 42 DU	TA 75 DU	TA 80 DU, TA 110 DU	TA 200 DU
Electronic	EOL 16				E200 DU

Auxiliary contact blocks for contactors

Side mounting	1NO + 1NC CA 6-11	1NO + 1NC CAL 5-11
Front mounting	1NO + 1NC CAF 6-11	1NO CA5-10, 1NC CA5-01

Timers

Pneumatic	TP40 (0.1 – 40s), TP 180 (10 – 160s)
Electronic	TE5S

Interlocks

Horizontal mounting	Interlocks integrated in	Mechanical & electrical VE 5-1	Mechanical & electrical VE 5-2	Mechanical VM 300H
Vertical mounting	VB6A	VB7A		Mechanical VM 300V

Surge suppressors

Varistor type	Built-in	24...50 V- RV 5/50, 50...133 V- RV 5/133, 110...250 V- RV 5/250, 250...440 V- RV 5/440	
RC type		RC5-1	RC5-2

The ABB-Line – a system concept

The A-Line contactors together with ABB's fuse and fuseless short circuit protections and electronic overload relays provide the basis for a new generation of apparatus designed to an ABB-Line system communality. Our focus during development was not just to improve each individual product but also to provide designers, engineers, installers and end users with the best possible system solutions.



A-Line contactor with Isomax breaker



DLA 26-starter



Contactor with an OS switch fuse



Contactor with an electronic overload relay

Contactors A, three poles



110 kW	140 kW	160 kW	200 kW	250 kW	315 kW	400 kW
A210	A260	A300	AF400	AF460	AF580	AF750
A210-30-11	A260-30-11	A300-30-11	AF400-30-11	AF460-30-11	AF580-30-11	AF750-30-11
210	260	305	400	460	580	750
210	260	300	400	460	580	750
210	220	280	350	400	500	650
350	400	450	600	700	800	1000

Fuseless protection, 400 V, 50 kA

S5 Isomax breaker	S6 Isomax breaker
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Fuse protection, 400 V, 80 kA

OESA 250	OESA400	OESA 630 Switch fuse
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Thermal overload relays/Electronic overload relays

TA 450 DU, TA 450 SU	E320 DU	E500 DU	E800 DU
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Auxiliary contact blocks for contactors

1NO + 1NC CAL 5-11	1NO + 1NC CAL 5-11
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Timers

TE5S

Interlocks

Mechanical VM 300H	VM750H
Mechanical VM 300V	VM750V

Surge suppressors

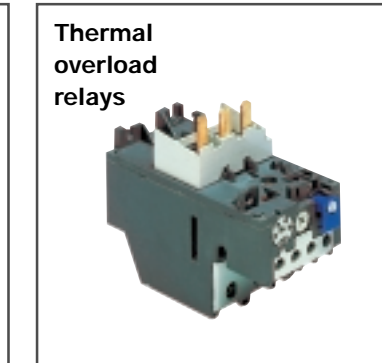
RC5-2	The standard coil interface eliminates the need of surge suppressors on these sizes.
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Accessories

The A-Line contactors include a complete range of accessories to fit different user needs in a variety of applications.



Mechanical Interlocks



Thermal overload relays

Contactors, four poles

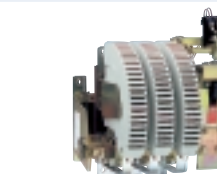
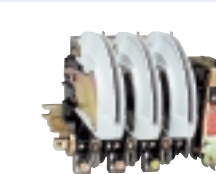


25 A	30 A	45 A	70 A	100 A	125 A
A9	A16	A26	A45	A50	A75
A9-40-00	A16-40-00	A26-40-00	A45-40-00	A50-40-00	A75-40-00
Rated Current, AC-1, 40°C					
25	30	45	70	100	125

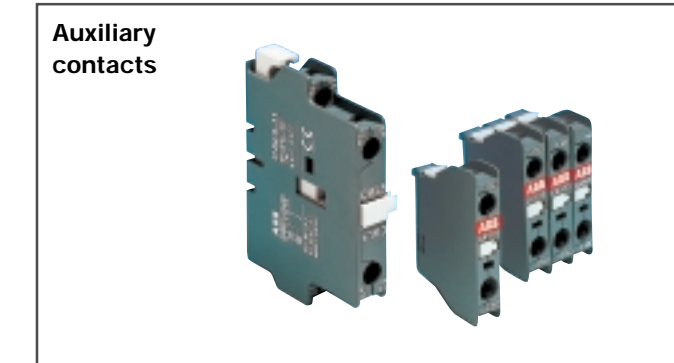


200 A	250 A	300 A	350 A	550 A	800 A	1000 A
EK110	EK150	EK175	EK210	EK370	EK550	EK1000
EK110-40-11	EK150-40-11	EK175-40-11	EK210-40-11	EK370-40-11	EK550-40-11	EK1000-40-11
Rated Current, AC-1, 40°C						
200	250	300	350	550	800	1000

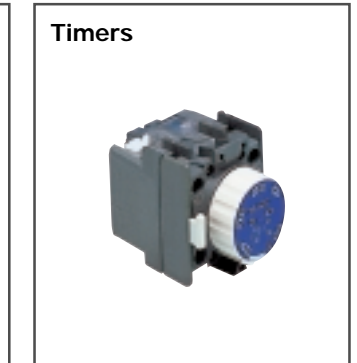
Bar mounted contactors



85 A	170 A	260 A	420 A	550 A	800 A	1000 A	1250 A	1500 A	2000 A
R85	R170	R260	R420	R550	R800	R1000	R1250	R1500	R2000
Rated Current, AC-1, 40°C									
85	170	260	420	550	800	1000	1250	1500	2000



Auxiliary contacts



Timers



Surge suppressors