

Contactors

- Fits 35mm DIN rail
- Touch Safe Design
- Compact Design
- Captive Terminal Screws
- Built in surge protection (AF series only)
- Magnetic coil (AE series only)
- Electronically controlled coil (AE series only)
- CE Marked
- UL Listed, CSA, IEE Certified



ABB CONTACTORS

Item Number	No. Poles NO/NC	V DC 50/60 Hz.	Aux Contactor NO/NC	Resistive/ Inductive Amps	Price
AF Series					
Non reversing, AC and DC operated, laminated magnetic circuit					
AF09-30-10-11	3/0	24-60	1/0	AC1 25A/AC3 9A	\$103.00
AF09-30-10-13	3/0	100-250	1/0	AC1 21A/AC3 9A	\$86.00
AF16-22-00-13	2/2	100-250	1/0	AC1 30A/AC3 17A	\$150.00
AF16-30-10-11	3/0	24-60	1/0	AC1 50A/AC3 34A	\$144.00
AF16-30-10-13	3/0	100-250	1/0	AC1 60A/AC342A	\$120.00
AF16-40-00-13	4/0	100-250	1/1	AC1 80A/AC3 54A	\$135.00
AF30-30-00-11	3/0	24-60	1/1	AC1 105A/AC3 80A	\$216.00
AF30-30-00-13	3/0	100-250	1/1	AC1 140A/AC3110A	\$180.00
AF38-22-00-12	2/2	48-130	1/0	AC1 21A/AC3 9A	\$282.00
AF40-22-00-13	2/2	100-250	0/0	AC1 50A/AC3 40A	\$344.00
AF40-30-11-11	3/0	24-60	1/0	AC1 30A/AC3 17A	\$261.00
AF40-30-11-13	3/0	100-250	0/0	AC30A/DC30A	\$261.00
AF52-30-00-13	3/0	100-250	1/0	AC1 50A/AC3 34A	\$245.00
AF80-22-00-13	2/2	100-250	0/0	AC1 90A/ AC3 49A	\$490.00
AE Series					
Non Reversing, DC operated					
AE30-30-00-81	3/0	24	N/0	50/34	\$262.00
AE75-30-00-81	3/0	24	0/0	105/8	\$644.16
Item Number	No. Poles NO/NC	V DC 50/60 Hz.	Aux Contactor NO/NC	Resistive/ Inductive Amps	Price
AL Series					
Non Reversing, DC operated, low consumption coil					
AL16-30-10-81		3/0	24	1/0	\$644.16

Images are representative of products listed and may not be actual product.

Motor Controls

ABB

Overload Relays

- Trip-free Mechanism
- Temperature Compensation
- Phase Failure Protection
- Reset and Test Functions
- UL #E48139



TF OVERLOAD RELAYS

Item Number	Amp Range	Price
TF42-1.7	1.3 - 1.7	\$65.00
TF42-10	7.6 - 10	\$65.00
TF42-13	10 - 13	\$65.00
TF42-16	13..16	\$65.00
TF42-2.3	2.3 - 3.1	\$65.00
TF42-20	16 - 20	\$65.00
TF42-24	20 - 24	\$65.00
TF42-29	24 - 29	\$65.00
TF42-3.1	2.3 - 3.1	\$65.00
TF42-35	29 - 35	\$65.00
TF42-38	35 - 38	\$65.00
TF42-4.2	3.1 - 4.2	\$65.00
TF42-5.7	4.2 - 5.7	\$65.00
TF42-7.6	5.7 - 7.6	\$65.00

Accessories



CONTACT BLOCK 1P



CONTACT BLOCK 4P



MECHANICAL INTERLOCK

Item Number	Contactor Series	Contact NO/NC	Mounting	Max # of Blocks	Price
Auxiliary Contact Blocks					
CA4-01	AF09-AF96	0/1	Front	4-6	\$15.00
CA4-10	AF09-AF94	1/0	Front	4-6	\$15.00
CA5-01	AE30, AE75, AF40-AF96	0/1	Front	4-6	\$16.50
CA5-10	AE30, AE75, AF40-AF96	0/1	Front	4-6	\$16.50
CA5-11/11M	AL16	2/2	Front	1	\$33.00
CAL4-11	AF09-AF96	1/1	Side	1-2	\$30.00
CAL5-11	A9-A75, AE9, AE75	1/1	Side	1-2	\$30.01
CAL18-11	A95...A300	1/1	Side	1	\$30.00
CAL19-11	AF116-370	1/1	Side	1	\$30.00

Item Number	Range	Contact NO/NC	Price
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Mechanical Interlocks

***Used for two horizontal mounted breakers**

VM4*	AF9-AF38	0/0	\$21.00
VM96-4	AF40-AF96	0/2	\$26.00

List pricing in catalog is subject to change without notice.

Contactors

- IP20 finger safe terminals with both North American and International terminal markings
- All contactors include built in auxiliary contacts
- Fits 35mm DIN Rail
- Easy to install accessories
- CE Marked
- UL Listed
- CSA Certified



TESYS™ D IEC SERIES



TESYS™ D IEC SERIES

Item Number	V50/60Hz.	Aux Contact	Contact Ratings: Resistive/Inductive	Price
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TeSys™ Series D

Non reversing, AC operated

LC1D09BD	24	1/1	20/9	\$153.76
LC1D09G7	120	1/1	20/9	\$104.04
LC1D09M7	220	1/1	20/9	\$104.04
LC1D09U7	240	1/1	20/9	\$104.04
LC1D18B7	24	1/1	32/18	\$150.52
LC1D18G7	120	1/1	32/18	\$150.52
LC1D18U7	240	1/1	32/18	\$150.52
LC1D32G7	120	1/1	50/32	\$190.35
LC1D32U7	240	1/1	50/32	\$190.35
LC1D50U7	240	1/1	80/50	\$327.36
LC1D65U7	240	1/1	80/65	\$446.04
LC1D80G7	120	1/1	125/80	\$401.77
LC1D80U7	240	1/1	125/80	\$402.11
LC1D95G7	120	1/1	220/115	\$483.65
LC1D95U7	240	1/1	200/150	\$483.65

Item Number	V50/60Hz.	Contact Ratings: Resistive/Inductive	Price
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TeSys™D IEC Instatanius Control Relay

LC1F115U6	240/60	200/115	\$1,067.19
LC1F150U6	240/60	250/150	\$1,436.91
LC1F265G7	120/50/60	350/265	\$2,544.52

Motor Controls

TELEMECHANIQUE

Overload Relays

- Variety of Safety Features
- Includes Pre-wiring Kit
- Ambient Compensated
- Manual Set Automatic Mode
- Direct Mounting
- Class 10 with Single Phase Sensitivity
- UL Listed
- CSA Certified
- CE Marked



LRD SERIES

Item Number	Contactor	Range Amps	Price
TeSys D			
LRD08	D09-D32	2.5-4	\$66.40
LRD12	D09-D32	5.5-8	\$68.61
LRD16	D12-D32	9-13	\$68.61
LRD21	D18-D32	12-18	\$68.61
LRD22	D25-D32	16-24	\$68.61

Accessories



LXD1 SERIES



LAD8N11



LADN11 & LADN22



LADN20



LX1D6 SERIES

Item Number	Contactor Series	Volts A/C	Price
50/60 Hz. Coils			
LXD1B7	LC1D09-LC1D32	24	\$28.39
LX1D6B7	LC1D09-LC1D95 (D2 style)	24	\$44.96
LX1D6G7	LC1D09-LC1D95	120	\$44.96
LXD1LE7	LC1D09-LC1D32 (TeSys style)	208	\$29.00
LX1D6U7	LC1D09-LC1D95 (D2 style)	220-240	\$44.96

Item Number	Contactor Series	Contact NO/NC	Mounting	Price
Auxiliary Contacts				
LAD8N02	LC1D01-LC1D95	2/2	Side	\$22.89
LAD8N11	LC1D09-LC1D95	1/1	Side	\$22.89
LADN11	LC1D09-LC1D95, LC14115-LC1F150	1/1	Front/Right Side	\$22.89
LADN20	LC1D09-LC1D95, LC14115-LC1F150	2/0	Front/Right Side	\$22.43
LADN22	LC1D09-LC1D95, LC14115-LC1F150	1/1	Front/Right Side	\$44.96

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Multi Series

- Consideration of peripheral equipment, and a full range of protective functions
- Noise is reduced by the built in EMC filter
- Internal component with limited 10 year life
- Capacity up to 20 HP
- Alarm history records the latest four incidents
- Complies with networks using Option Cards: DeviceNet, Profibus-DP, CC-Llink
- CE and UL Listed



MULTI SERIES

Mini Series

- High starting torque, at 150% or more
- Compatible with a wide range of frequency settings, with output set at a max 400Hz.
- Side by side mounting options
- Equipped with Frequency setting potentiometer
- CE, UL, and cUL certifications



MINI SERIES

Item Number	HP	Volts	Amps	Dimensions in "(mm) WxHxD	Weight in lbs. (kg.)	Price
Multi Series						
FRN005E1S-2U	5	230	17	5.51(140)x7.09(180)x5.94(151)	5.1(2.3)	\$711.00
FRN007E1S-2U	7.5	230	25	7.09(180)x8.66(220)x6.22(158)	7.5(3.4)	\$950.00
FRN010E1S-2U	10	230	33	7.09(180)x8.66(220)x6.22(158)	7.9(3.6)	\$1,186.00
FRN015E1S-2U	15	230	47	8.66(220)x10.24(260)x7.68(195)	13(6.1)	\$1,560.00
FRN020E1S-2U	20	230	60	8.66(220)x10.24(260)x7.68(195)	16(7.1)	\$1,790.00
Item Number	HP	Amps	Dimensions in "(mm) WxHxD	Weight in lbs. (kg.)	Price	
Mini Series						
FRN0006C2S-2U	1	5	4.72(119)x3.15(80)x4.72(119)	1.8(.81)	\$260.00	
FRN0012C2S-2U	3	12	5.12(130)x4.33(109)x5.47(138)	3.7(1.6)	\$340.00	
FRN0020C2S-2U	5	17	7.09(180)x5.51(140)x5.47(138)	5.5(2.5)	\$448.78	

Motor Controls

VARIABLE FREQUENCY DRIVES

Fuji (Continued)

Nema 1 Kit

- When fitted to the Mini and Multi Series protects the inverter body with the structure that confirms the NEMA1 standard (approved as UL Type 1).
- Connection Box – for use when not mounted in an enclosure



NEMA KIT

Remote Keypad

- The keypad permits remote control of Mini Series and function setting and display with copy function
- Connection with the Multi Series using an extension cable for remote operation, function code data setting, monitoring, etc. from the keypad keys and panel.



REMOTE KEYPAD

Item Number	Model HP	Series	Price
Nema 1 Kit			
NEMA1-2.2C1-2	2 & 3	MINI	\$80.00
NEMA1-3.7C1-2	5	MINI	\$90.00
NEMA1-3.7E1-24	5	MULTI	\$94.00
NEMA1-7.5E1-24	7 & 10	MULTI	\$108.00
NEMA1-15E1-24	15 & 20	MULTI	\$108.00
Item Number	Model		Price
Remote Keypad			
TP-E1	Mini Series		\$80.00
TP-G1	Multi Series		\$185.00
TP-G1W	Multi Series with Gasket		\$330.00