

Contactors

Mar-08

"T" Range 20 - 110 Amps 3 Pole AC (Max 690V) (Coils Included in price)

Item #	Model Type	Coil VA Inrush	Coil VA Sealed	Nema Rating	AC 1 Amps	AC 3 Amps	Hp 120V 1 Phase	Hp 230V 1 Phase	Hp 230V 3 Phase	Hp 480V 3 Phase	Hp 600V 3 Phase	Aux Fitted	\$Cdn List
1	TC1-D0910-XX	70	8	~	20	9	0.5	1	2	5	7.5	1xN/O	60.00
2	TC1-D1210-XX	70	8	~	25	12	1	2	3	7.5	10	1xN/O	76.00
3	TC1-D1810-XX	70	8	0,0	32	18	1	3	5	10	15	1xN/O	86.00
4	TC1-D2510-XX	100	8.5	0,0	40	25	2	3	7.5	15	20	1xN/O	95.00
5	TC1-D3210-XX	100	8.5	0	50	32	2	5	10	20	25	1xN/O	118.00
6	TC1-D4011-XX	245	26	0	60	40	3	5	10	30	30	1 + 1	138.00
7	TC1-D5011-XX	245	26	1	70	50	3	7.5	15	40	40	1 + 1	163.00
8	TC1-D6511-XX	245	26	1	80	65	5	10	20	50	50	1 + 1	217.00
9	TC1-D8011-XX	245	26	2	110	80	7.5	15	25	60	60	1 + 1	259.00
10	TC1-D9511-XX	245	26	2	110	95	7.5	15	25	60	60	1 + 1	288.00
AC1,AC 3 Ratings are at 440V. AC1=Resistive Load, AC3=Inductive Load										XX=Select Coil Volts: see page 4			

"F" Range 175 - 1350 Amps 3 Pole AC (Max 1000V) (Coils Included in price)

Item #	Model Type	Coil VA Inrush	Coil VA Sealed	Nema Rating	AC 1 Amps	AC 3 Amps	Hp 120V 1 Phase	Hp 230V 1 Phase	Hp 230V 3 Phase	Hp 480V 3 Phase	Hp 600V 3 Phase	Aux Fitted	\$Cdn List
11	LC1-F115A-XX	660	55	3	175	115	Current Rated		40	75	100	0	406.00
12	LC1-F150A-XX	660	55	4	200	150	Current Rated		50	100	125	0	567.00
13	LC1-F185A-XX	970	66	4	200	185	Current Rated		60	125	150	0	678.00
14	LC1-F225A-XX	970	66	4	250	225	Current Rated		65	130	155	0	906.00
15	LC1-F265A-XX	1145	110	4	285	265	Current Rated		75	150	200	0	1,278.00
16	LC1-F330A-XX	700	10	5	360	330	Current Rated		100	200	250	0	1,500.00
17	LC1-F400A-XX	1075	15	5	420	400	Current Rated		125	250	300	0	1,889.00
18	LC1-F500A-XX	1100	18	6	700	500	Current Rated		200	400	500	0	3,615.00
19	LC1-F630A-XX	1650	22	7	1000	630	Current Rated		300	600	800	0	4,835.00
AC1,AC 3 Ratings are at 440V. AC1=Resistive Load, AC3=Inductive Load										XX=Select Coil Volts: see page 4			

Control Relays AC (Max 660V)

Item	Model	Inrush	Sealed	N/O Contacts	N/C Contacts	\$Cdn
20	TCA2-DN22-XX	70	8	2	2	75.00
21	TCA2-DN31-XX	70	8	3	1	75.00
22	TCA2-DN40-XX	70	8	4	0	75.00
Coils as for TC1-D09 Contactors						XX=Select Coil Volts: see page 4

Mechanical Interlocks "T" Range

Item	Model	To Fit The Following Contactors Horizontally	\$Cdn
23	LA9-D09978	TC1-D0910 - TC1-D3210	30.00
24	LA9-D50978	TC1-D4011 - TC1-D6511	35.00
25	LA9-D80978	TC1-D8011 - TC1-D9511	40.00

Mechanical Interlocks "F" Range

Item	Model	To Fit The Following Contactors Horizontally	\$Cdn
26	LA9-FF970	LC1-F115A - LC1-F150A	90.00
27	LA9-FG970	LC1-F185A - LC1-F225A	90.00
28	LA9-FJ970	LC1-F265A - LC1-F500A	110.00
29	LA9-FL970	LC1-F630A	110.00

Sets of Power Connectors (For Reversing Starters)

Item	Model	Links the Following Contactors	\$Cdn
30	TA9-D1869	TC1-D0910 - TC1-D1210 - TC1-D1810	23.00
31	TA9-D2569	TC1-D2510	28.00
32	TA9-D3269	TC1-D3210	28.00
33	TA9-D6569	TC1-D4011 - TC1-D5011 - TC1-D6511	55.00
34	TA9-D8069	TC1-D8011 - TC1-D9511	75.00

All Components prices are LIST & are covered by one of the following approvals: CSA, cUL, cRU & UL

Overload Relays

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"T" Range Overload Relays

Item #	Model #	Setting Range	Fits Contactor	Aux Fitted	\$CDN. Overloads	Independent Mount Base Plate (Din Rail)	\$CDN. Base Plate
1	TR2-D09301	0.1 - 0.16	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
2	TR2-D09302	0.16 - 0.25	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
3	TR2-D09303	0.25 - 0.40	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
4	TR2-D09304	0.04 - 0.63	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
5	TR2-D09305	0.63 - 1.0	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
6	TR2-D09306	1.0 - 1.6	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
7	TR2-D093X6	1.25 - 2.0	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
8	TR2-D09307	1.6 - 2.5	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
9	TR2-D09308	2.5 - 4.0	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
10	TR2-D09310	4.0 - 6.0	D09 - D32	1 + 1	49.00	TA7-D0964	27.00
11	TR2-D09312	5.5 - 8.0	D09 - D32	1 + 1	50.00	TA7-D0964	27.00
12	TR2-D09314	7.0 - 10.0	D12 - D32	1 + 1	50.00	TA7-D0964	27.00
13	TR2-D12316	9.0 - 13.0	D18 - D32	1 + 1	50.00	TA7-D0964	27.00
14	TR2-D18321	12.0 - 18.0	D18 - D32	1 + 1	50.00	TA7-D0964	27.00
15	TR2-D25322	17.0 - 25.0	D25 - D32	1 + 1	60.00	TA7-D0964	27.00
16	TR2-D32353	23.0 - 32.0	D3210	1 + 1	67.00	TA7-D3264	35.00
17	TR2-D32355	28.0 - 36.0	D3210	1 + 1	67.00	TA7-D3264	35.00
18	TR2-D40353	23.0 - 32.0	D40 - D95	1 + 1	84.00	TA7-D4064	85.00
19	TR2-D40355	30.0 - 40.0	D40 - D95	1 + 1	84.00	TA7-D4064	85.00
20	TR2-D65357	37.0 - 50.0	D40 - D95	1 + 1	84.00	TA7-D4064	85.00
21	TR2-D65359	48.0 - 65.0	D40 - D95	1 + 1	105.00	TA7-D4064	85.00
22	TR2-D65361	55.0 - 70.0	D40 - D95	1 + 1	105.00	TA7-D4064	85.00
23	TR2-D80363	63.0 - 80.0	D40 - D95	1 + 1	132.00	TA7-D4064	85.00
24	TR2-D95365	80.0 - 93.0	D40 - D95	1 + 1	145.00	TA7-D4064	85.00
Select Automatic or Manual Reset						Temperature Compensated	

"F" Range Overload Relays

Item #	Model Type	Setting Range	To Fit Contactor	Aux Fitted	\$CDN. Overloads	Independent Mount Base Plate (Din Rail)	\$CDN. Base Plate
25	LR1-FM105	65 - 105	F115/F150	1 + 1	225.00	n/a	n/a
26	LR1-FM125	80 - 125	F115/F150	1 + 1	225.00	n/a	n/a
27	LR1-F160	100 - 160	F185A	1 + 1	225.00	n/a	n/a
28	LR1-F200	125 - 200	F225A	1 + 1	225.00	n/a	n/a
29	LR1-F250	160 - 250	F265A	1 + 1	247.00	n/a	n/a
30	LR1-F315	200 - 315	F330A	1 + 1	247.00	n/a	n/a
31	LR1-F400	250 - 400	F400A	1 + 1	550.00	n/a	n/a
32	LR1-F500	315 - 500	F500A	1 + 1	550.00	n/a	n/a
33	LR1-F630	400 - 630	F630A	1 + 1	666.00	n/a	n/a
Select Automatic or Manual Reset						Temperature Compensated	

Base Plates for Independent Mounting (Din Rail) "T" Range Overloads

Item	Model Type	Independent Mount (Din Rail) for the following Overloads	\$Cdn
34	TA7-D0964	TR2-D09301 - TR2-D25322	27.00
35	TA7-D3264	TR2-D32353 - TR2-D32355	35.00
36	TA7-D4064	TR2-D40353 - TR2-D95356	85.00

Definite Purpose Contactors

Item	Model Type	Poles	FLA	Res Amps	Coil Volts	\$CDN
1	TCDP 402	2	40	50	24-120-240	20.00
2	TCDP 403	3	40	50	24-120-240	31.50

LE1D Starter Enclosures including Wiring Harness

Item	Model Type	Accommodates the following Contactors	\$CDN
3	LE1D12	TC1-D0910 - TC1-D1210 - TC1D-1810	36.00
4	LE1D25	TC1-D2510	54.00

Start Button for LE1D Starters

Item	Model Type	Start Button to be used in LE1D12 and LE1D25 enclosures	\$CDN
5	LAD09906	Fits in LE1D12 and LE1D25 Enclosure	7.50

Pneumatic Timers "T" Range (Front Mounted) and "F" Range (Side Mounted)

Item	Model Type	Description	To Fit Contactors	\$CDN
6	TA2-DT0	On Delay 0.1-3s 1 X N/O+1 X N/C	"T" Range, "F" Range + Control Relays	95.00
7	TA2-DT2	On Delay 0.1-30s 1 X N/O+1 X N/C	"T" Range, "F" Range + Control Relays	95.00
8	TA2-DT4	On Delay 0.1-180s 1 X N/O+1 X N/C	"T" Range, "F" Range + Control Relays	95.00
9	TA3-DR0	Off Delay 0.1-3s 1 X N/O+1 X N/C	"T" Range, "F" Range + Control Relays	95.00
10	TA3-DR2	Off Delay 0.1-30s 1 X N/O+1 X N/C	"T" Range, "F" Range + Control Relays	95.00
11	TA3-DR4	Off Delay 10-180s 1 X N/O+1 X N/C	"T" Range, "F" Range + Control Relays	95.00
12	TA2-DS2**	On Delay 0.1-30s** 1 X N/O+1 X N/C	"T" Range, "F" Range + Control Relays	95.00

** = Lag of +- 15-40 msec between the opening of N/C contact and closing of N/O contact (for Wye-Delta App.)

Auxiliary Contacts "T" Range Top Mounted & "F" Range Side Mounted

Item	Model Type	Contacts	To Fit Contactors	\$CDN
13	TA1DN10	1 X N/O	TC1-D4011 - TC1-D9511 Top Mount	13.00
14	TA1DN01	1 X N/C	TC1-D4011 - TC1-D9511 Top Mount	13.00
15	TA1DN11	1 X N/O + 1 X N/C	"T" Range, "F" Range + Control Relays	18.00
16	TA1DN20	2 X N/O	"T" Range, "F" Range + Control Relays	18.00
17	TA1DN02	2 X N/C	"T" Range, "F" Range + Control Relays	18.00
18	TA1DN22	2 X N/O + 2 X N/C	"T" Range, "F" Range + Control Relays	38.00
19	TA1DN13	1 X N/O + 3 X N/C	"T" Range, "F" Range + Control Relays	38.00
20	TA1DN40	4 X N/O	"T" Range, "F" Range + Control Relays	38.00
21	TA1DN04	4 X N/C	"T" Range, "F" Range + Control Relays	38.00
22	TA1DN31	3 X N/O + 1 X N/C	"T" Range, "F" Range + Control Relays	38.00
23	TA8DN11	1 X N/O + 1 X N/C	"T" Range Side Mount	18.00
24	TA8DN20	2 X N/O	"T" Range Side Mount	18.00

Mechanical Latching Block (Converts N/O Contactor to N/C Contactor)

Item	Model Type	To Fit Contactor	\$CDN
25	LA6DK01-G	TC1-D0910 - TC1-D3210	80.00
110V AC Only			

Spare AC Coils "T" & "F" Range

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AC Coils "T" Range

Item	Model Type	To Fit Contactor	\$CDN
1	TX1-D2-XX	TC1-D0910 & TC1-D1210 & TC1-D1810 & TCA2 Relay	21.00
2	TX1-D4-XX	TC1-D2510 - TC1-D3210	28.00
3	TX1-D6-XX	TC1-D4011 - TC1-D9511	50.00

AC Coil Symbols "T" Range

Item	Hertz	24	48	110	120	208	220	240	277	380	415	440	480	575	600
4	50Hz	B5	E5	F5	N/A	N/A	M5	U5	N/A	Q5	N5	R5	N/A	N/A	N/A
5	60Hz	B6	E6	F6	G6	L6	M6	U6	W6	Q6	N/A	R6	T6	S6	X6
6	50/60Hz	B7	E7	F7	G7	N/A	M7	U7	N/A	Q7	N7	R7	N/A	N/A	N/A

AC Coils "F" Range

Item	Model Type	To Fit Contactor	\$CDN
7	LX1-FF-XX	LC1-F115A & LC1-F150A	95.00
8	LX1-FG-XX	LC1-F185A & LC1-F225A	118.00
9	LX1-FH.2-XX	LC1-F265A & LC1-F330A	285.00
10	LX1-FJ-XX	LC1-F400A	285.00
11	LX1-FK-XX	LC1-F500A	285.00
12	LX1-FL-XX	LC1-F630A	325.00

AC Coil Symbols "F" Range

Item	Contactor	Volts AC	24	48	110	120	208	220	240	380	415	480	600
13	F115,F150	50Hz	Available on request										
14	F185,F225	60Hz	B6	E6	F6	G6	L6	M6	U6	Q6	N5	T6	SC
15	F265,F330	40/400Hz			F7	F7	L7	M7	U7	Q7	N7	T6	
16	F400,F630	40/400Hz		E7	F7	F7	L7	M7	U7	Q7	N7	T6	X7*

Manual Motor Starters (Motor Protection Circuit Breakers)

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"S" Standard kA 0.1 - 26A					"H" HIGH kA 0.1 - 100 A			
Item #	Model #	Amp Setting	Magnetic Release	\$ List Price	Model #	Amp Setting	Magnetic Release	\$ List Price
1	TCMS-32S-0.16	0.1 - 0.16	2.1A	110.00	TCMS-32H-0.16	0.1 - 0.16	2.1A	130.00
2	TCMS-32S-0.25	0.16 - 0.25	3.3A	110.00	TCMS-32H-0.25	0.16 - 0.25	3.3A	130.00
3	TCS-32S-0.4	0.25 - 0.4	5.2A	110.00	TCS-32H-0.4	0.25 - 0.4	5.2A	130.00
4	TCS-32S-0.63	0.4 - 0.63	8.2A	127.00	TCS-32H-0.63	0.4 - 0.63	8.2A	146.00
5	TCS-32S-1	0.63 - 1.0	13A	127.00	TCS-32H-1	0.63 - 1.0	13A	146.00
6	TCS-32S-1.6	1.0 - 1.6	20.8A	127.00	TCS-32H-1.6	1.0 - 1.6	20.8A	148.00
7	TCS-32S-2.5	1.6 - 2.5	32.5A	127.00	TCS-32H-2.5	1.6 - 2.5	32.5A	148.00
8	TCS-32S-4	2.5 - 4.0	52A	130.00	TCS-32H-4	2.5 - 4.0	52A	149.00
9	TCS-32S-6	4. - 6	78A	130.00	TCS-32H-6	4. - 6	78A	149.00
10	TCS-32S-8	5. - 8	104A	130.00	TCS-32H-8	5. - 8	104A	149.00
11	TCS-32S-10	6. - 10	130A	135.00	TCS-32H-10	6. - 10	130A	153.00
12	TCS-32S-13	9. - 13	169A	145.00	TCS-32H-13	9. - 13	169A	164.00
13	TCS-32S-17	11. - 17	221A	152.00	TCS-32H-17	11. - 17	221A	172.00
14	TCS-32S-22	14 - 22	286A	160.00	TCS-32H-22	14 - 22	286A	178.00
15	TCS-32S-22	18 - 26	338A	178.00	TCS-32H-22	18 - 26	338A	198.00
16	~	~	~	~	TCS-32H-32	22 - 32	416A	295.00
17	~	~	~	~	TCS-63H-40	28 - 40	520A	389.00
18	~	~	~	~	TCS-63H-50	34 - 50	650A	389.00
19	~	~	~	~	TCS-63H-63	45 - 63	819A	389.00
20	~	~	~	~	TCS-100H-75	55 - 75	975A	473.00
21	~	~	~	~	TCS-100H-90	70 - 90	1170A	500.00
22	~	~	~	~	TCS-100H-100	80 - 100	1300A	500.00
Trip Class 10 : Magnetic Release 13 X Ie max. : Phase Failure Protection : Ambient Temp Compensation								
Max Volts 690								

Auxiliaries for above Starters

Item	Model #	Mounting	Configuration	\$ List
23	TCMS-FX-11	Front	1 NO + 1 NC	18.00
24	TCMS-LX-11	Left side of CB	1 NO + 1 NC	18.00

Trip Alarm Switch for above Starters

Item	Model #	Mounting	Configuration	\$ List
25	TCMS-LA-11	Left side of CB	1 NO + 1 NC	18.00

Shunt trips for above Starters

Item	Model #	Mounting	Voltage	\$ List
26	TCMS-RS-110-120	Right side of CB	120	60.00

Undervoltage Release for above Starters

Item	Model #	Mounting	Voltage	\$ List
27	TCMS-RU-120	Right side of CB	120	60.00

Insulation Barrier

Item	Model #	Mounting	Type of Starter	\$ List
28	TIB100	Between Phases	TCMS-100H 75 - 100A only	6.00

Control Stations

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Plastic Control Stations

Item	Model Type	Holes	Lid		Base	\$CDN
1	RC-1P	1	Grey	&	Black	19.00
2	RC-1PY	1	Yellow	&	Black	19.00
3	RC-2P	2	Grey	&	Black	22.00
4	RC-3P	3	Grey	&	Black	26.00
5	RC-4P	4	Grey	&	Black	40.00

Flush P/Button Heads, Black Plastic

Item	Model Type	Colour	\$CDN
6	RP2-BA1	White	6.75
7	RP2-BA2	Black	6.75
8	RP2-BA3	Green	6.75
9	RP2-BA4	RED	6.75
10	RP2-BA5	Yellow	6.75
11	RP2-BA6	Blue	6.75

Mushroom P/Buttons Latching, Black Plastic

Item	Model Type	Button Size	Colour	\$CDN
12	RP2-BS44	30mm	RED	17.00
13	RP2-BS54	40mm	RED	17.00
14	RP2-BS64	60mm	RED	24.00

Selector Heads, Black Plastic

Item	Model Type	Position	\$CDN
15	RP2-BD2	2	14.50

Selector Head with Key, Black Plastic

Item	Model Type	Position	\$CDN
16	RP2-BG2	2	29.00

Contact Blocks Base Mounted (For Control Stations Only)

Item	Model Type	Contact Configuration	\$CDN
17	RB2-BE101-BP	N/O	6.00
18	RB2-BE102-BP	N/C	6.00

Control Stations Legends (Stickers) Metal

Item	Model Type	Text	\$CDN
19	RM2-BY2303	START	2.00
20	RM2-BY2305	FORWARD	2.00
21	RM2-BY2307	UP	2.00
22	RM2-BY2311	ON	2.00
23	RM2-BY2313	OPEN	2.00
24	RM2-BY2315	AUTO	2.00
25	RM2-BY2323	RESET	2.00
26	RM2-BY2327	SLOW	2.00
27	RM2-BY2326	POWER ON	2.00
28	RM2-BY2309	RIGHT	2.00
29	RM2-BY2304	STOP	2.00
30	RM2-BY2306	REVERSE	2.00
31	RM2-BY2308	DOWN	2.00
32	RM2-BY2312	OFF	2.00
33	RM2-BY2314	CLOSE	2.00
34	RM2-BY2316	HAND	2.00
35	RM2-BY2321	INCH	2.00
36	RM2-BY2328	FAST	2.00
37	RM2-BY2330	EMERGENCY STOP	2.00
38	RM2-BY2310	LEFT	2.00

Control Devices 22mm

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Flush Pushbuttons Chrome Bezel (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
1	RB2-BA1	White	Add (See Items 35 - 39)	4.25
2	RB2-BA2	Black	Add (See Items 35 - 39)	4.25
3	RB2-BA3	Green	Add (See Items 35 - 39)	4.25
4	RB2-BA4	Red	Add (See Items 35 - 39)	4.25
5	RB2-BA5	Yellow	Add (See Items 35 - 39)	4.25
6	RB2-BA6	Blue	Add (See Items 35 - 39)	4.25
7	RB2-BA334	Arrow Up	Add (See Items 35 - 39)	4.25
8	RB2-BA335	Arrow Up	Add (See Items 35 - 39)	4.25

Projecting Pushbuttons Chrome Bezel (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
9	RB2-BL1	White	Add (See Items 35 - 39)	4.25
10	RB2-BL2	Black	Add (See Items 35 - 39)	4.25
11	RB2-BL3	Green	Add (See Items 35 - 39)	4.25
12	RB2-BL4	Red	Add (See Items 35 - 39)	4.25
13	RB2-BL5	Yellow	Add (See Items 35 - 39)	4.25
14	RB2-BL6	Blue	Add (See Items 35 - 39)	4.25

Booted Pushbutton IP66 (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
15	RB2-BP1	White	Add (See Items 35 - 39)	8.85
16	RB2-BP2	Black	Add (See Items 35 - 39)	8.85
17	RB2-BP3	Green	Add (See Items 35 - 39)	8.85
18	RB2-BP4	Red	Add (See Items 35 - 39)	8.85
19	RB2-BP5	Yellow	Add (See Items 35 - 39)	8.85
20	RB2-BP6	Blue	Add (See Items 35 - 39)	8.85

Flush Pushbutton with Transparent Boot IP 66 (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
21	RB2-BA18	White	Add (See Items 35 - 39)	8.85
22	RB2-BA28	Black	Add (See Items 35 - 39)	8.85
23	RB2-BA38	Green	Add (See Items 35 - 39)	8.85
24	RB2-BA48	Red	Add (See Items 35 - 39)	8.85
25	RB2-BA58	Yellow	Add (See Items 35 - 39)	8.85
26	RB2-BA68	Blue	Add (See Items 35 - 39)	8.85

Mushroom Head Pushbutton Spring Return 40mm (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
27	RB2-BC2	White	Add (See Items 35 - 39)	10.60
28	RB2-BC3	Black	Add (See Items 35 - 39)	10.60
29	RB2-BC4	Green	Add (See Items 35 - 39)	10.60
30	RB2-BC5	Red	Add (See Items 35 - 39)	10.60
31	RB2-BC6	Yellow	Add (See Items 35 - 39)	10.60

Mushroom Head Pushbutton Turn to Release (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
32	RB2-BS44	Red 30mm	Add (See Items 35 - 39)	15.50
33	RB2-BS54	Red 40mm	Add (See Items 35 - 39)	17.75
34	RB2-BS64	Red 60mm	Add (See Items 35 - 39)	21.50

Contact Blocks (Max 3 Right & 3 Left per collar)

Item	Model Type	Configuration & Application	Voltage	\$CDN
35	RB2-BE101	N/O	Above 24VAC	6.00
36	RB2-BE102	N/C	Above 24VAC	6.00
37	RB2-BE1016	N/O	Below 24AC	9.50
38	RB2-BE1026	N/C	Below 24AC	9.50

Fixing Collar

Item	Model Type	Application	\$CDN
39	RB2-B	Intergrates Actuator and Contact Blacks	2.00

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Mushroom Head Pushbutton Key Release (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
1	RB2-BS14	Red 40mm	Add	22.50

Mushroom Head Pushbutton Push to Stay & Pull to Release (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
2	RB2-BT4	Red 40mm	Add	18.75

Flush Double Pushbutton Chrome Bezel (Actuator Only)

Item	Model Type	Colour		Colour	Contact Blocks	\$CDN
3	RB2-BA87	Red	&	Green	Add	12.00

Illuminated Flush Double Pushbutton Chrome Bezel (Actuator Only)

Item	Model Type	Colour	Pilot Light Body (Add)	Colour	Contact Blocks	\$CDN
4	RB2-BW9	Red	RB2-BW06 (Page 9 Item 10)	Green	Add	15.00

2 Position Selector Switches IP 65 Chrome Bezel (Actuator Only)

Item	Model Type	Type	Handle	Contact Blocks	\$CDN
5	RB2-BD2	All Positions, Stay Put	Standard	Add	29.00
6	RB2-BJ2	All Positions, Stay Put	Long Handle	Add	29.00
7	RB2-BDR3	Spring Return to Centre from Right & Left	Standard	Add	29.00
8	RB2-BJR2	Spring Return to Centre from Right & Left	Long Handle	Add	29.00

3 Position Selector Switches IP 65 Chrome Bezel (Actuator Only)

Item	Model Type	Type	Handle	Contact Blocks	\$CDN
9	RB2-BD3	All Positions, Stay Put	Standard	Add	29.00
10	RB2-BJ3	All Positions, Stay Put	Long Handle	Add	29.00
11	RB2-BDR3	Spring Return to Centre from Right & Left	Standard	Add	29.00
12	RB2-BJR3	Spring Return to Centre from Right & Left	Long Handle	Add	29.00
13	RB2-BD8	I X Spring Return Right to Centre	Standard	Add	29.00
14	RB2-BJ8	I X Spring Return Right to Centre	Long Handle	Add	29.00
15	RB2-BD7	I X Spring Return Left to Centre	Standard	Add	29.00
16	RB2-BJ7	I X Spring Return Left to Centre	Long Handle	Add	29.00

2 Position Key Switches IP 65 Chrome Bezel (Actuator Only)

Item	Model Type	Type	Key Removal	Contact Blocks	\$CDN
17	RB2-BG2	All Positions, Stay Put	L H Position	Add	29.00
18	RB2-BG02	All Positions, Stay Put	R H Position	Add	29.00
19	RB2-BG4	All Positions, Stay Put	All Positions	Add	29.00
20	RB2-BG6	I Spring Return Right to Left	L H Position	Add	29.00

3 Position Key Switches IP 65 Chrome Bezel (Actuator Only)

Item	Model Type	Type	Handle	Contact Blocks	\$CDN
21	RB2-BG3	All Positions, Stay Put	Centre Position	Add	29.00
22	RB2-BG5	All Positions, Stay Put	L H & R H Position	Add	29.00
23	RB2-BG0	All Positions, Stay Put	All 3 Positions	Add	29.00
24	RB2-BG09	All Positions, Stay Put	R H Position	Add	29.00
25	RB2-BG9	All Positions, Stay Put	L H Position	Add	29.00
26	RB2-BG8	Stay Put to Left S/R from Right to Centre	Centre Position	Add	29.00
27	RB2-BG7	Spring Return to centre from Right & Left	Centre Position	Add	29.00

For Contact Blocks see items 35 - 38 Page 7

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Pilot Light Heads for Incandescent Lamps

Item	Model Type	Colour	Following Lamps can be used	\$CDN
1	RB2-BV01	White	Incandescent Only	4.75
2	RB2-BV03	Green	Incandescent Only	4.75
3	RB2-BV04	Red	Incandescent Only	4.75
4	RB2-BV05	Yellow	Incandescent Only	4.75
5	RB2-BV06	Blue	Incandescent Only	4.75

Pilot Light Heads for LED & Neon Lamps

Item	Model Type	Colour	Following Lamps can be used	\$CDN
6	RB2-BVL03	Green	LED and Neon	4.75
7	RB2-BVL04	Red	LED and Neon	4.75
8	RB2-BVL05	Yellow	LED and Neon	4.75
9	RB2-BVL06	Blue	LED and Neon	4.75

Pilot Light Bodies for Incandescent & Neon Lamps inc. Collar, exc. Globes

Item	Model Type	Voltage	Intergrates with Heads	\$CDN
10	RB2-BW06	220V Max	RB2-BV01 - BV06	11.00

LED Pilot Light Bodies including Collar and INCLUDING Globes

Item	Model Type	Colour	Intergrates with Heads	\$CDN
11	RB2-BWL73(***)	Green	RB2-BVL03	20.00
12	RB2-BWL74(***)	Red	RB2-BVL04	20.00
13	RB2-BWL75(***)	Yellow	RB2-BVL05	20.00
14	RB2-BWL76(***)	Blue	RB2-BVL06	20.00

(***) Insert Voltage 12,24,48, or 110V (AC/DC) 220VDC only or 240V AC only

Illuminated P/Bs, Flush, Spring Return, Heads Only

Item	Model Type	Colour	Following Lamps can be used	\$CDN
15	RB2-BW31	White	LED, Neon & Incandescent	9.50
16	RB2-BW33	Green	LED, Neon & Incandescent	9.50
17	RB2-BW34	Red	LED, Neon & Incandescent	9.50
18	RB2-BW35	Yellow	LED, Neon & Incandescent	9.50
19	RB2-BW36	Blue	LED, Neon & Incandescent	9.50

Illuminated Selector Switches, Stay Put, Heads Only

Item	Model Type	Colour	Following Lamps can be used	\$CDN
20	RB2-BK123 2 Position	Green	LED, Neon & Incandescent	30.00
21	RB2-BK124 2 Position	Red	LED, Neon & Incandescent	30.00
22	RB2-BK125 2 Position	Amber	LED, Neon & Incandescent	30.00
23	RB2-BK133 3 Position	Green	LED, Neon & Incandescent	30.00
24	RB2-BK134 3 Position	Red	LED, Neon & Incandescent	30.00
25	RB2-BK135 3 Position	Amber	LED, Neon & Incandescent	30.00

Bodies for Ill. P/Bs and Sel. Sws. with Collar, exc. Contact Blocks or Lamps

Item	Model Type	Voltage	Intergrates with Heads	\$CDN
26	RB2-BW06	220V Max	RB2-BW31 -RB2-BK135	11.00

Bodies for LED Ill. P/Bs and Sel. Sws. With Collar & LED Lamps, exc. Contact Blocks

Item	Model Type	Colour	Intergrates with Heads	\$CDN
27	RB2-BWL73(***)	Green	RB2-BW31 -RB2-BK135	20.00
28	RB2-BWL74(***)	Red	RB2-BW31 -RB2-BK135	20.00
29	RB2-BWL75(***)	Yellow	RB2-BW31 -RB2-BK135	20.00
30	RB2-BWL76(***)	Blue	RB2-BW31 -RB2-BK135	20.00

(***) Insert Voltage 12,24,48, or 110V (AC/DC) 220VDC only or 240V AC only

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Intergrated LED Pilot Lights

Item	Model Type	Colour	Intergrated	\$CDN
1	RB2-B7-IV 71(***)	White	Requires no collar or contact block	20.00
2	RB2-B7-IV 73(***)	Green	Requires no collar or contact block	20.00
3	RB2-B7-IV 74(***)	Red	Requires no collar or contact block	20.00
4	RB2-B7-IV 75(***)	Yellow	Requires no collar or contact block	20.00
5	RB2-B7-IV 76(***)	Blue	Requires no collar or contact block	20.00
6	RB2-B7-IV 77(***)	Clear	Requires no collar or contact block	20.00
(***) Insert Voltage 110, 220,VAC				

Incandescent Bulbs (Lamps)

Item	Model Type	Voltage	Intergrates with Bodies	\$CDN
7	RL1-CF-6	6VAC	RB2-BW06	1.70
8	RL1-CF-24	24VAC	RB2-BW06	1.70
9	RL1-CF-48	48VAC	RB2-BW06	1.70
10	RL1-CF-130	130VAC	RB2-BW06	1.70

Neon Bulbs (Lamps)

Item	Model Type	Colour	Intergrates with Bodies	\$CDN
11	RL1-CN3(***)	Green	RB2-BW06	2.50
12	RL1-CN4(***)	Red	RB2-BW06	2.50
13	RL1-CN5(***)	Yellow	RB2-BW06	2.50
(***) Insert Voltage 220,380 or 415VAC				

Bulb (Lamp) Extractor

Item	Model Type	Extractor	\$CDN
14	RBF-X13	For BA 9s Lamps	3.00

Legend Plates Aluminum (Not for use with Control Stations)

Item	Model Type	Text	\$CDN
15	RB2-BY2303	START	2.00
16	RB2-BY2305	FORWARD	2.00
17	RB2-BY2307	UP	2.00
18	RB2-BY2311	ON	2.00
19	RB2-BY2313	OPEN	2.00
20	RB2-BY2315	AUTO	2.00
21	RB2-BY2323	RESET	2.00
22	RB2-BY2327	SLOW	2.00
23	RB2-BY2364	AUTO - HAND	2.00
24	RB2-BY2304	STOP	2.00
25	RB2-BY2306	REVERSE	2.00
26	RB2-BY2308	DOWN	2.00
27	RB2-BY2312	OFF	2.00
28	RB2-BY2314	CLOSE	2.00
29	RB2-BY2316	HAND	2.00
30	RB2-BY2321	INCH	2.00
31	RB2-BY2328	FAST	2.00
32	RB2-BY2385	AUTO - O - HAND	2.00
33	RB2-BY2387	HAND OFF AUTO	2.00
34	RB2-BY2330	EMERGENCY STOP	2.00
35	RB2-BY2333	LOW	2.00
36	RB2-BY2334	HIGH	2.00
37	RB2-BY2335	HIGH LOW	2.00
38	RB2-BY2336	OFF ON	2.00
39	RB2-BY2337	STOP START	2.00
40	RB2-BY2328	UP DOWN	2.00
41	RB2-PY9330	(Plastic) 60mm EMERGENCY STOP	3.00
42	RB2-PY8330	(Plastic) 90mm EMERGENCY STOP	3.00

Please Note: For Plastic Legend Plates replace BY with PY

Disconnect Switches

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600V Maximum								
Item	Model Type	Poles	Rating	HP 240V	HP 480V	HP 600V	Mounting	\$CDN
1	CSSD30DI	3	30A	7.5	15	25	Din Rail	83.00
2	CSSD60K3	3	60A	15	30	40	Din Rail	99.00
3	CSSD100DI	3	100A	25	50	60	Din Rail	140.00
4	CSSD125DI	3	125A	25	50	60	Din Rail	188.00
Includes Rotary Handle & 305mm (12") Shaft								

Spare Selector Handles

Item	Model Type	Handle Type	Handle Colour	\$CDN
5	CSSDZX106	Rotary	Red Yellow	7.00
6	CSDB21	Pistol	Red Yellow	25.00

Spare Shafts to intergrate Switch & Handle

Item	Model Type	Shaft Length	\$CDN
7	Sq.5 X 305	12"/305mm (Rotary Handle)	3.00
8	Sq.6.5 X 320	12.5" /320mm (Pistol Handle)	5.00

Door Mounting Kits

Item	Model Type	Fits following Switches	\$CDN
9	DMK 1/1A	CSSD16D1 - CSSD40D1	18.00
10	DMK 1/3	CSSD60D1 - CSSD125D1	20.00

Auxiliary Mounting Kits (maximum 2 switches per side)

Item	Model Type	Fits following Switches	\$CDN
11	CSSDX	CSSD16D1 - CSSD40D1	17.00
12	CSSDY	CSSD60D1 - CSSD125D1	17.00

Auxiliary Contact Blocks

Item	Model Type	Cofiguration	\$CDN
17	RB2-BE101	N/O	5.00
18	RB2-BE102	N/C	5.00

Chint Manual Motor Starters (Budget Line)

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Maximum Operating Voltage 690V								
Item #	Model #	1 Phase		3 Phase			Amp Setting	\$ CDN
		1P /120V	1P/230V	3P/230V	3P/460V	3P/ 575V		
1	NS2-25 - 0.16	~	~	~	~	~	0.01 - 0.16	90.00
2	NS2-25 - 0.25	~	~	~	~	~	0.16 - 0.25	90.00
3	NS2-25 - 0.40	~	~	~	~	~	0.25 - 0.40	90.00
4	NS2-25 - 0.63	~	~	~	~	~	0.04 - 0.63	100.00
5	NS2-25 - 1.6	~	~	~	1/3.	1/2.	1.0 - 1.6	100.00
6	NS2-25 - 2.5	~	~	~	1/2.	3/4.	1.6 - 2.5	100.00
7	NS2-25 - 4	1/6.	1/3.	1/2.	1	1-1/2.	2.5 - 4.0	100.00
8	NS2-25 - 6.3	1/4.	1/2.	3/4.	1-1/2.	3	4.0 - 6.3	100.00
9	NS2-25 - 10	1/2.	1	1	3	5	6 - .10	100.00
10	NS2-25 - 14	3/4.	1-1/2.	3	7-1/2.	7-1/2.	9 - .14	110.00
11	NS2-25 - 18	1-1/2.	2	5	10	10	13 - 18	110.00
12	NS2-25 - 23	2	3	7-1/2.	15	15	17 - 23	110.00
13	NS2-25 - 25	3	5	10	20	15	20 - 25	115.00

Above ratings are for guidance only, please see the motor rating plate

Enclosure for Starters (One size fits all NS2 - 25 Starters)

Item	Model Type	Accommodation	Material	\$CDN
17	NS2-25 Enclosure	0.16 - 25	White Plastic	25.00

Auxiliaries for both size starters

Item	Model Type	Mounting	Configuration	\$CDN
18	NS2-AE11	Front	1 X NO + 1 x N/C	25.00
19	NS2-AU11	Side	1 X NO + 1 x N/C	40.00

Shunt Trip for both size starters

Item	Model Type	Mounting	Voltage A.C.	\$CDN
20	NS2-SH110	Side	127V	65.00
21	NS2-SH460	Side	220V	65.00

Under Voltage Release for both size starters

Item	Model Type	Mounting	Voltage A.C.	\$CDN
22	NS2-UV110	Side	127V	70.00
23	NS2-UV460	Side	460V	70.00

Tripped Indication (Alarm Contact) for both size starters

Item	Model Type	Mounting	Configuration	\$CDN
24	NS2-FA0110	Side	1 X NC	35.00

E-Stop for NS2 - 25 Enclosure

Item	Model Type	Mounting	Colour	\$CDN
25	NS2-25 E-Stop	Over Stop P/B	Red	35.00

Mini Contactors & Accessories

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Max Volts 690		1 Phase					3 Phase					Aux Inc	\$Cdn List
Item #	Model Type	Nema Rating	AC1 Amps	AC3 Amps	Hp 115V 1 Phase	HP 230V 1 Phase	HP 200V 3 Phase	HP 230V 3 Phase	HP 460V 3 Phase	Hp 575V 3 Phase			
1	TC1-M6-XX	0'0	20	6	0.5	1	2	2	5	7.5	1 X NO	30.00	
2	TC1-M9-XX	0'0	20	9	0.5	2	3	3	7.5	10	1 X NO	31.00	
3	TC1-M12-XX	0'0	20	12	1	3	5	5	10	15	1 X NO	32.00	
AC1,AC 3 Ratings are at 440V. AC1=Resistive Load, AC3=Inductive Load										XX=Select Coil Volts: see below			

Overload Relays

Class 10 Trip Curve							
Item #	Model #	Amp Setting Range	Fits Contactor	Aux Inc.	\$CDN O/loads	Independent Mount Kit	\$Cdn List
5	TR2-M0.14A	0.10 - 0.16	All	1 + 1	30.00	TA7-MO964	29.00
6	TR2-M0.21A	0.16 - 0.25 A	All	1 + 1	30.00	TA7-MO964	29.00
7	TR2-M0.33A	0.25 - 0.4 A	All	1 + 1	30.00	TA7-MO964	29.00
8	TR2-M0.52A	0.4 - 0.63 A	All	1 + 1	30.00	TA7-MO964	29.00
9	TR2-M0.82A	0.63 - 1 A	All	1 + 1	30.00	TA7-MO964	29.00
10	TR2-M01.3A	1.0 - 1.6 A	All	1 + 1	30.00	TA7-MO964	29.00
11	TR2-M2.1A	1.6 - 2.5 A	All	1 + 1	30.00	TA7-MO964	29.00
12	TR2-M03.3A	2.5 - 4 A	All	1 + 1	30.00	TA7-MO964	29.00
13	TR2-M5A	4.0 - 6 A	All	1 + 1	30.00	TA7-MO964	29.00
14	TR2-M6.5A	5.0 - 8 A	All	1 + 1	30.00	TA7-MO964	29.00
15	TR2-M7.54A	6.0 - 9 A	All	1 + 1	30.00	TA7-MO964	29.00
16	TR2-M8.5A	7.0 - 10 A	All	1 + 1	30.00	TA7-MO964	29.00
17	TR2-M11A	9.0 - 13 A	All	1 + 1	30.00	TA7-MO964	29.00
18	TR2-M14A	12.0 - 16 A	All	1 + 1	30.00	TA7-MO964	29.00
Automatic or Manual Reset						Temperature Compensated	

Auxiliary Contact Blocks

Item #	Model #	Contact Configuration	To Fit Contactor Models	\$Cdn List
19	TA1-M20	2NO, Front Mounted	All	15.00
20	TA1-M11	1NO+1NC, Front Mounted	All	15.00
21	TA1-M02	2NC, Front Mounted	All	20.00
22	TA1-M40	4 NO, Front Mounted	All	20.00
23	TA1-M31	3NO + 1NC, Front Mounted	All	20.00
24	TA1-M22	2NO + 2NC, Front Mounted	All	20.00
25	TA1-M13	1NO + 3NC, Front Mounted	All	20.00
26	TA1-M04	4NC, Front Mounted	All	20.00
27	TA8-M01	1NC, Side Mounted	All	15.00
28	TA8-M10	1NO, Side Mounted	All	15.00

Electronic Timers

Item #	Model #	Type Of Timing	To Fit Contactor Models	\$Cdn List
29	TA2-M/1N	ON Delay, 0.1 - 30 sec, AC/DC 24 - 48 V	All	60.00
30	TA2-M/1F	OFF Delay, 0.1 - 30 sec, AC/DC 24 - 48 V	All	60.00
31	TA2M/2N	ON Delay, 0.1 - 30 sec, AC 100 - 220V	All	60.00
32	TA2-M/2F	OFF Delay, 0.1 - 30 sec, AC 100 - 220V	All	60.00

AC Coil Voltage Codes: 24V = B, 48V = E, 110V = F, 220V = M

New Products 22mm & 30mm

Feb-08

Recessed (Guarded) Pushbuttons Chrome Bezel (Actuator Only)

Item	Model Type	Colour	Contact Blocks	\$CDN
1	RB2-BA16	White	Add (See Items 35 - 39) page 7	10.00
2	RB2-BA26	Black	Add (See Items 35 - 39) page 7	10.00
3	RB2-BA36	Green	Add (See Items 35 - 39) page 7	10.00
4	RB2-BA46	Red	Add (See Items 35 - 39) page 7	10.00
5	RB2-BA56	Yellow	Add (See Items 35 - 39) page 7	10.00
6	RB2-BA66	Blue	Add (See Items 35 - 39) page 7	10.00

Adaptor for 30mm hole to 22.5mm hole

Item	Model Type	Colour	Application	\$CDN
7	RB2-BZ41M	Chrome	22.5 - 30mm adaptor	10.00
Allows 22.5mm bushbuttons & pilot lights to be fitted in a 30mm hole				

Reset Extended pushbutton

Item	Model Type	Colour	Application	\$CDN
8	RCB2AL8R	Blue	Reset pushbutton 6" long, adjustable	20.00