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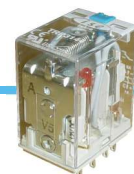
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CONTROL RELAYS - Miniature



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CONTACTORS

MINI CONTACTORS (3 POLE)



K07M



ND2M AUXILIARY



MECHANICAL INTERLOCK



KNL6-22

PARTNO	RATED CURRENT		KW (AC3) 400V	AUX CONT	Price
	AC1	AC3			
<u>K07M Series MINI 3 POLE CONTACTORS</u>					
K07M-10-***	20A	8.5A	4KW	1NO	407.10
K07M-01-***	20A	8.5A	4KW	1NC	407.10
Note: Replace *** with Voltage value : AC - 024, 110, 230, 400					
PARTNO	DESCRIPTION				Price
<u>AUXILIARY CONTACT BLOCKS</u>					
ND2M-11	1NO + 1NC				109.20
<u>ACCESSORIES & SPARES</u>					
MB7	Mechanical Interlock				178.80

4 POLE RELAYS

PARTNO	CURRENT	CONTACTS	Price
	RATING		
KNL6-22-***	20A	2NO + 2NC	434.40
Note: Replace *** with Voltage value : AC - 024, 048, 110, 230, 400			

CONTACTORS

STANDARD FRAME CONTACTORS (3 POLE)



PARTNO	RATED CURRENT		KW (AC3) 400V	AUX CONT	Price
	AC1	AC3			
KNL Series 3 POLE CONTACTORS					
KNL9-10-***	25A	8.5A	4KW	1NO	434.40
KNL9-01-***	25A	8.5A	4KW	1NC	434.40
KNL12-10-***	25A	11.5A	5.5KW	1NO	513.00
KNL12-01-***	25A	11.5A	5.5KW	1NC	513.00
KNL16-10-***	25A	15.5A	7.5KW	1NO	643.00
KNL16-01-***	25A	15.5A	7.5KW	1NC	643.00
KNL22-00-***	35A	22.5A	11KW	-	839.00
KNL30-00-***	35A	30.0A	15KW	-	1048.00
KNL43-11-***	75A	45.0A	22KW	1NO + 1NC	2231.00
KNL63-11-***	85A	63.0A	30KW	1NO + 1NC	3489.00

PARTNO	CONTACTOR	COIL VOLTAGES	Price
COILS (50/60 Hz)			
KNL9-56-***	for KNL6 - KNL30	A.C. COILS (24, 48, 110, 230, 400, 500)	146.70
KNL43-56-***	for KNL43 - KNL63	A.C. COILS (24, 48, 110, 230, 400, 500)	614.00

Note: Replace * with Voltage value : AC - 024, 048, 110, 230, 400, 500**

PARTNO	CONTACTOR	DESCRIPTION	Price
AUXILIARY CONTACT BLOCKS			
NDL2-11	for KNL9 - KNL30	1NO + 1NC	126.10
NDL2-02	for KNL9 - KNL30	2NC	126.10
NDL2-13	for KNL9 - KNL30	1NO + 3NC	203.20
NDL2-22	for KNL9 - KNL30	2NO + 2NC	203.20
NDL2-31	for KNL9 - KNL30	3NO + 1NC	203.20
NDL4-11	for KNL43 - KNL63	1NO + 1NC	281.80
NDL4-31	for KNL43 - KNL63	3NO + 1NC	281.80

PARTNO	CONTACTOR	DESCRIPTION	Price
SIDE MOUNT AUXILIARY CONTACT BLOCK			
NPL1-10	for KNL9 - KNL30	1NO (start contact)	112.20
NPL1-01	for KNL9 - KNL30	1NC	112.20

PARTNO	CONTACTOR	DESCRIPTION	Price
ACCESSORIES AND SPARES			
KMPL	for KNL9 - KNL30	DOL Enclosure	617.00
MBL	for KNL9 - KNL30	Mechanical Interlock	246.00
MBL43	for KNL43 - KNL63	Mechanical Interlock	764.00
RC230V	for KNL9 - KNL30	Noise filter	261.00

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CONTACTORS

LARGE FRAME CONTACTORS (3 POLE)

PARTNO	RATED CURRENT		KW (AC3) 400V	AUX CONT	Price
	AC1	AC3			
KNN Series 3 POLE CONTACTORS					
KNN80-***	125A	80A	37KW	-	4679.00
KNN95-***	125A	95A	45KW	-	5250.00
KNN110-***	135A	110A	55KW	-	5957.00
KNN150-***	230A	150A	75KW	-	7875.00
KNN175-***	250A	175A	90KW	-	9400.00
KNN210-***	350A	210A	110KW	-	11306.00
KNN260-***	450A	260A	132KW	-	11934.00
KNN315-***	500A	315A	160KW	-	16485.00
KNN450-***	550A	450A	250KW	2NO + 2NC	25940.00
KNN550-***	700A	550A	315KW	2NO + 2NC	36417.00
KNN700-***	800A	700A	400KW	2NO + 2NC	51240.00

Note: Replace * with Voltage value : 110, 230, 400**

PARTNO	CONTACTOR	COIL VOLTAGES	Price
COILS & FEEDER GROUPS			
B02-***	for KNN80 - KNN95	AC Coil (110, 230, 400)	683.00
B022-***	for KNN110	AC Coil (110, 230, 400)	1532.00
B031-***	for KNN150 - KNN175	AC Coil (110, 230, 400)	2148.00
B041-***	for KNN210 - KNN315	AC Coil (110, 230, 400)	6156.00
B51-***	for KNN450 - KNN550	AC Coil (110, 230, 400)	4689.00
B61-***	for KNN700	AC Coil (110, 230, 400)	7455.00
} used in conjunction with a Feeder Group below			
FG51-***	for KNN450 - KNN550	Feeder Group	3971.00
FG61-***	for KNN700	Feeder Group	8250.00

Note: Replace * with Voltage value : 110, 230, 400**

PARTNO	CONTACTOR	DESCRIPTION	Price
AUXILIARY CONTACT BLOCKS			
GH15S11	for KNN80 - KNN315	1NO + 1NC side mount	307.10
GH15T01	for KNN80 - KNN110	1NC top mount	133.90
GH15T10	for KNN80 - KNN110	1NO top mount	133.90
GH15T11	for KNN80 - KNN315	1NO + 1NC top mount	204.60
GH15T22	for KNN80 - KNN315	2NO + 2NC top mount	328.30
GH15T31	for KNN80 - KNN315	3NO + 1NC top mount	328.30
ACCESSORIES AND SPARES			
BM0H	for KNN80 - KNN95	Horiz. Mechanical Interlock	200.40
BM3H	for KNN110 - KNN315	Horiz. Mechanical Interlock	611.00
BM5H	for KNN450 - KNN550	Horiz. Mechanical Interlock	2084.00
BM6H	for KNN700	Horiz. Mechanical Interlock	3294.00
CS80	for KNN80	Contact Set	1562.00
CS95	for KNN95	Contact Set	1810.00
CS110	for KNN110	Contact Set	2528.00
CS150	for KNN150	Contact Set	2997.00
CS175	for KNN175	Contact Set	3331.00
CS210	for KNN210	Contact Set	4022.00
CS260	for KNN260	Contact Set	4790.00
CS315	for KNN315	Contact Set	5329.00
CS450	for KNN450	Contact Set	5508.00
CS550	for KNN550	Contact Set	9479.00
CS700	for KNN700	Contact Set	11913.00

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THERMAL OVERLOADS

PARTNO	CONTACTOR	RANGE	Price
OVERLOADS for KNL9 - KNL30			
<u>TRB14 Series for KNL9 - KNL30 (Discontinued - Replaced by BR16 Series)</u>			
TRB1416-0.4	for KNL9 - KNL16	0.24 - 0.40	374.00
TRB1416-0.63	for KNL9 - KNL16	0.38 - 0.63	374.00
TRB1416-1	for KNL9 - KNL16	0.60 - 1.00	374.00
TRB1416-1.6	for KNL9 - KNL16	0.96 - 1.60	374.00
<u>BR16 Series for KNL9 - KNL30</u>			
BR16-0.4	for KNL9 - KNL16	0.25 - 0.40	577.00
BR16-0.5	for KNL9 - KNL16	0.35 - 0.50	577.00
BR16-0.63	for KNL9 - KNL16	0.45 - 0.63	577.00
BR16-0.8	for KNL9 - KNL16	0.55 - 0.80	577.00
BR16-1	for KNL9 - KNL16	0.75 - 1.00	577.00
BR16-1.3	for KNL9 - KNL16	0.90 - 1.30	577.00
BR16-1.6	for KNL9 - KNL16	1.10 - 1.60	577.00
BR16-2	for KNL9 - KNL16	1.40 - 2.00	577.00
BR16-2.5	for KNL9 - KNL16	1.80 - 2.50	577.00
BR16-3.2	for KNL9 - KNL16	2.30 - 3.20	577.00
BR16-4	for KNL9 - KNL16	2.90 - 4.00	577.00
BR16-4.8	for KNL9 - KNL16	3.50 - 4.80	577.00
BR16-6.3	for KNL9 - KNL16	4.50 - 6.30	577.00
BR16-7.5	for KNL9 - KNL16	5.50 - 7.50	577.00
BR16-10	for KNL9 - KNL16	7.20 - 10.00	577.00
BR16-12.5	for KNL9 - KNL16	9.00 - 12.50	577.00
BR16-16	for KNL9 - KNL16	11.30 - 16.00	577.00
BR16-20	for KNL9 - KNL16	15.00 - 20.00	577.00
BR30-21.5	for KNL22 - KNL30	17.50 - 21.50	617.00
BR30-25	for KNL22 - KNL30	21.00 - 25.00	617.00
BR30-30	for KNL22 - KNL30	24.50 - 30.00	617.00



TRB14



BR16



BR43



BR6

BR43 Series OVERLOADS for KNL43 - KNL63

BR43-21	for KNL43 - KNL63	14.50 - 21.00	1671.00
BR43-30	for KNL43 - KNL63	21.00 - 30.00	2013.00
BR43-43	for KNL43 - KNL63	30.00 - 43.00	2239.00
BR43-63	for KNL43 - KNL63	43.00 - 63.00	2328.00

BR6 Series OVERLOADS for KO7M - MINI CONTACTOR

BR6-1.3	for KO7M	0.90 - 1.30	545.00
BR6-1.9	for KO7M	1.30 - 1.90	545.00
BR6-2.8	for KO7M	1.90 - 2.80	545.00
BR6-4	for KO7M	2.80 - 4.00	545.00
BR6-6	for KO7M	4.00 - 6.00	545.00
BR6-9	for KO7M	6.00 - 9.00	545.00

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PLUG-IN RELAYS & BASES



TRP68 & TRP69 AC SERIES

TRP68 & TRP69 DC SERIES

ES SERIES ROUND PIN BASE

TRP31 AC SERIES

TRP31 DC SERIES

ES15 SERIES FLAT PIN BASE

PARTNO	DESCRIPTION	Price
TRP6 Series INDUSTRIAL CONTROL RELAYS		
Fitted with test key and flag indication.		
<u>Series 68 8 pin plug-in Relays (10 amp rating)</u>		
TRP6822-012AC	12v AC, 8 pin plug-in relay with 2 C/O contacts	137.90
TRP6822-024AC	24v AC, 8 pin plug-in relay with 2 C/O contacts	137.90
TRP6822-110AC	110v AC, 8 pin plug-in relay with 2 C/O contacts	149.40
TRP6822-230AC	230v AC, 8 pin plug-in relay with 2 C/O contacts	149.40
TRP6827-012DC	12v DC, 8 pin plug-in relay with 2 C/O contacts	137.90
TRP6827-024DC	24v DC, 8 pin plug-in relay with 2 C/O contacts	137.90
TRP6827-230DC	230v DC, 8 pin plug-in relay with 2 C/O contacts	149.40
<u>Series 69 11 pin plug-in Relays (10 amp rating)</u>		
TRP6932-012AC	12v AC, 11 pin plug-in relay with 3 C/O contacts	174.40
TRP6932-024AC	24v AC, 11 pin plug-in relay with 3 C/O contacts	174.40
TRP6932-110AC	110v AC, 11 pin plug-in relay with 3 C/O contacts	189.00
TRP6932-230AC	230v AC, 11 pin plug-in relay with 3 C/O contacts	189.00
TRP6937-012DC	12v DC, 11 pin plug-in relay with 3 C/O contacts	174.40
TRP6937-024DC	24v DC, 11 pin plug-in relay with 3 C/O contacts	174.40
TRP6937-230DC	230v DC, 11 pin plug-in relay with 3 C/O contacts	189.00
<u>DIN / Surface Bases</u>		
ES8	for 8 pin plug-in relay	77.40
ES11	for 11 pin plug-in relay	82.50
TRP3 Series MINIATURE CONTROL RELAYS		
Fitted with test & lock key, & LED indication.		
<u>Series 312 8 pin flat plug-in Relays (10 amp rating)</u>		
TRP3124-012AC	12v AC, 8 pin flat plug-in relay with 2 C/O contacts	108.80
TRP3124-024AC	24v AC, 8 pin flat plug-in relay with 2 C/O contacts	108.80
TRP3124-110AC	110v AC, 8 pin flat plug-in relay with 2 C/O contacts	117.90
TRP3124-230AC	230v AC, 8 pin flat plug-in relay with 2 C/O contacts	117.90
TRP3124-012DC	12v DC, 8 pin flat plug-in relay with 2 C/O contacts	108.80
TRP3124-024DC	24v DC, 8 pin flat plug-in relay with 2 C/O contacts	108.80
<u>Series 314 14 pin flat plug-in Relays (5 amp rating)</u>		
TRP3144-012AC	12v AC, 14 pin flat plug-in relay with 4 C/O contacts	109.10
TRP3144-024AC	24v AC, 14 pin flat plug-in relay with 4 C/O contacts	109.10
TRP3144-110AC	110v AC, 14 pin flat plug-in relay with 4 C/O contacts	125.20
TRP3144-230AC	230v AC, 14 pin flat plug-in relay with 4 C/O contacts	125.20
TRP3144-012DC	12v DC, 14 pin flat plug-in relay with 4 C/O contacts	109.10
TRP3144-024DC	24v DC, 14 pin flat plug-in relay with 4 C/O contacts	109.10
<u>DIN / Surface Bases</u>		
ES15/2	for 8 pin flat plug-in relay	82.20
ES15/4	for 14 pin flat plug-in relay	100.80
D.C. Relays are polarity protected		
	8 pin: "+" = pin 2	
	"-" = pin 7	
	11 pin: "+" = pin 2	
	"-" = pin 10	

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