

Contactor — continued

Interlocked Reversing Contactors

Telemecanique

Pre-wired pairs of reversing contactors which have a positive acting mechanical interlock, so that only one contactor can be operated at one time.

Main contact rating	AC1	20A
	AC3	see below
Auxiliary contact	Thermal current	6A
	Maximum rated voltage	660V
Coil power	Pull-in	30VA
	Hold-on	4.5VA
Ambient temperature range		-25°C to +50°C
Dimensions		H = 58, W = 90, D = 57

CTL075

Coil V ac	Mftrs. List No.	Order Code	1+	3+	8+	15+
6A, 2.2kW (AC3) 3 Pole + 1 NO Aux						
24	LC2K0610B7	288-275				
240	LC2K0610U7	288-299				
9A, 4kW (AC3) 3 Pole + 1 NO Aux						
110	LC2K0910F7	288-317				
240	LC2K0910U7	288-329				
9A, 4kW (AC3) 3 Pole + 1 NC Aux						
240	LC2K0901U7	288-354				

Contactor — Low Power Consumption, 24Vdc

Telemecanique

For direct switching of motor or control circuits from low level PLC or logic outputs (100mA, 24V dc). Low power consumption contactors have integral LED indicators and coil suppression. They may be fitted with one 2 pole auxiliary contact block.

Main contact rating	AC1	20A
	AC3	see below
Auxiliary contact	Thermal current	6A
	Maximum rated voltage	660V
Coil power	Pull-in	30VA
	Hold-on	4.5VA
Coil voltage range		70% to 130% of nominal 24V dc
Coil consumption		1.5W
Ambient temperature range		-25°C to +50°C
Dimensions		H = 58, W = 45, D = 57

CTL083

Coil V dc	Mftrs. List No.	Order Code	1+	3+	8+	15+
6A, 2.2kW (AC3) 3 Pole + 1 NO Aux						
24	LP4K0610BW3	288-366				
9A, 4kW (AC3) 3 Pole + 1 NO Aux						
24	LP4K0910BW3	288-378				

Control Relays

Telemecanique

A range of 4 pole control relays conforming to international standards. All control relays have positive operating contacts as required by **INRS** and **BIA**. Other control relay features and accessories are the same as those for 'K' Range Standard Contactors.

Relays with ac and dc coils may be fitted with one 2 pole or 4 pole auxiliary contact block. Low consumption units may be fitted with one 2 pole auxiliary block.

Contact rating, thermal	10A
Coil power:	ac controlled types 4.5VA (30VA inrush)
	dc controlled types 2.4W
	Low consumption 1.5W (70% to 130% of nominal voltage)
Dimensions	H = 58, W = 45, D = 57

CTL046

Coil Voltage	Mftrs. List No.	Order Code	1+	3+	8+	15+
ac Controlled 4 NO						
110V	CA2KN40F7	288-482				
240V	CA2KN40U7	288-494				
ac Controlled 2 NO + 2 NC						
110V	CA2KN22F7	288-512				
240V	CA2KN22U7	288-524				
ac Controlled 3 NO + 1 NC						
110V	CA2KN31F7	288-548				
dc Controlled 4 NO						
24V	CA3KN40BD	288-561				
dc Controlled 2 NO + 2 NC						
24V	CA3KN22BD	288-573				
dc Low Consumption 4 NO						
24V	CA4KN40BD3	288-585				
dc Low Consumption 2 NO + 2 NC						
24V	CA4KN22BD3	288-597				

Thermal Overload Relays

Telemecanique

For direct mounting onto standard, low power or reversing contactors. Overloads have selectable manual or auto reset, trip test indicator, pre-wired maintaining contact for connection into contactor and 1 NO + 1 NC auxiliary contacts.

The remote mounting base is used to DIN rail mount free-standing overloads, onto 35mm symmetric rail.

Contact rating (thermal)	6A ≤600V
Dimensions (overload + contactor)	H = 116, W = 45, D = 65

CTL065

Motor flc Range (A)	Mftrs. List No.	Order Code	1+	3+	8+	15+
Overloads						
0.54 to 0.8	LR2K0305	288-380				
0.8 to 1.2	LR2K0306	288-391				
1.2 to 1.8	LR2K0307	288-408				
1.8 to 2.6	LR2K0308	288-410				
2.6 to 3.7	LR2K0310	288-421				
3.7 to 5.5	LR2K0312	288-433				
5.5 to 8.0	LR2K0314	288-445				
Remote Mounting Base						
—	LA7K0064	288-469				

Auxiliary Contact Blocks

Telemecanique

A range of auxiliary contact blocks which snap-fit onto the front of 'K' Range contactors or control relays. (4 pole auxiliary blocks cannot be fitted onto low power consumption contactors or control relays). Designed to international standards with full finger protection and available in a variety of contact configurations.

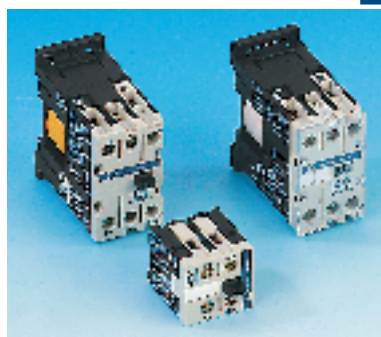
Contact rating, thermal	6A	Rated insulation voltage	660V
-------------------------	----	--------------------------	------

CTL034

Contact Arrangement	Mftrs List No.	Order Code	1+	3+	8+	15+
2 NC	LA1KN02	288-615				
1 NO + 1 NC	LA1KN11	288-627				
2 NO + 2 NC	LA1KN22	288-639				

'SK' Series

Telemecanique



Compact 27mm wide contactor range for single and three phase applications. All are DIN rail mounting. Clip-in suppressor module optional.

Single or Three Phase Contactors

- 2 pole contactor for single phase motors up to 1.1kW
- Optional add on attachment converts basic contactor to three phase device with auxiliary holding contact. For motors upto 3kW AC3

Single Phase Two Pole Contactor

- For AC1 heating and lighting applications
- 20A AC1 rating
- Clip-on transparent terminal cover
- 45mm height allows fitting into consumer units

Approvals	UL, CSA
Conforming to	IEC 947-3, NF C63-110, VDE
Operational temperature	-20°C to +50°C
Rated Operational Voltage	690V ac

Free Air Thermal Current Ith	Rated Operational (IE) AC1	AC3 415V ac	External Dimensions	Mftrs. List No.	Order Code
A	A	kW	H	W	D
12	12	2.2*	56	27	62
12	12	2.2*	56	27	62
12	6	n/a	25	27	29
20	20	5A-400V	56	27	56

*Rating when used as 3 phase motor contactor with Order Code 161-676

CTL228

Coil Vac	Order Code	1+	5+	10+	25+
Mini Contactors - For Motor Applications					
240	161-652				
110	161-664				
Add on Power Pole with 1NO Aux					
	161-676				
Mini Contactor - For AC1 Applications					
240	161-688				
Accessories					
Clip-In Suppressor	161-690				