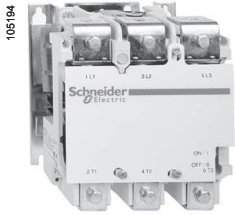


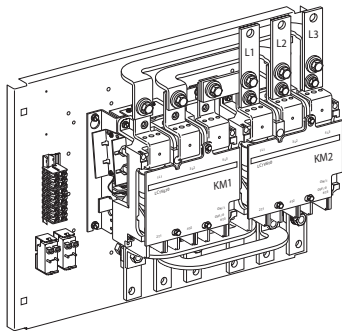
# TeSys contactors

## 3-pole vacuum contactors and reversing contactors

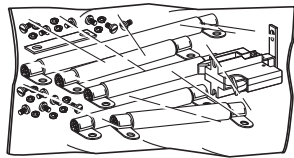
Power and control circuits  
a.c. supply



LC1 V320



LC2 V610



LA9 V974

5

### Vacuum contactors

Standard power ratings 50/60 Hz in category AC-3					Rated operational current		Instan- taneous auxiliary contacts		Control circuit voltage (50/60 Hz)	Basic reference (1)	Weight
230 V	400 V	525 V	690 V	1000 V	AC-3	AC-1					kg
kW	kW	kW	kW	kW	A	A					
45	75	110	150	200	160	160	2	1	(1)	LC1 V160●●	3.800
90	160	220	280	400	320	320	1	1	(1)	LC1 V320●●	10.500
160	300	400	560	800	610	630	1	1	(1)	LC1 V610●●	13.000

### Reversing vacuum contactors

The reversing contactor range comprises :

- for 160 A rating, a kit with set of power connections allowing assembly of the starter,
- for 320 and 610 A ratings, a complete starter, ready for use.

Standard power ratings 50/60 Hz in category AC-3					Rated operational current		Instan- taneous auxiliary contacts		Control circuit voltage (50/60 Hz)	Basic reference (1)	Weight
230 V	400 V	525 V	690 V	1000 V	AC-3	AC-1					kg
kW	kW	kW	kW	kW	A	A					
45	75	110	150	200	160	160	2	1	–	LA9 V974 (2)	1.200
90	160	220	280	400	320	320	1	1	110-120 V	LC2 V320FE7	30
									220-240 V	LC2 V320P7	30
									380-415 V	LC2 V320V7	30
160	300	400	560	800	610	630	1	1	110-120 V	LC2 V610FE7	36
									220-240 V	LC2 V610P7	36

(1) Basic reference; add code indicating control circuit voltage.

Standard control circuit voltages :

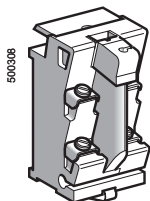
Volts 50/60 Hz	110...120	220...240	380...415	440...480	550...600
Item	FE7	P7	V7	R7	X7

(2) Kit containing a mechanical interlock, a set of power connections and a fixing plate. To build a complete reversing contactor, order contactors LC1 V160●● separately.

# TeSys contactors



## 3-pole vacuum contactors and reversing contactors

Power and control circuits  
a.c. supply



LA1 VN11

### Instantaneous auxiliary contact blocks <sup>(1)</sup>

Number of contacts	Maximum number of blocks per contactor	Auxiliary contacts		Reference	Weight kg
					
2	4	1	1	LA1 VN11	0.030
		–	2	LA1 VN02	0.030
		2	–	LA1 VN20	0.030
		1	1	LA1 VN11X <sup>(2)</sup>	0.030

### 50/60 Hz coils

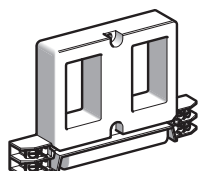
Rated voltage V	Voltage code	Reference	Weight kg
<b>For contactors LC1 V160</b>			
110...120	FE7	LX1 V160FE7	0.400
220...240	P7	LX1 V160P7	0.400
380...415	V7	LX1 V160V7	0.400
440...480	R7	LX1 V160R7	0.400
550...600	X7	LX1 V160X7	0.400
<b>For contactors LC1 V320</b>			
110...120	FE7	LX1 V320FE7	0.800
220...240	P7	LX1 V320P7	0.800
380...415	V7	LX1 V320V7	0.800
440...480	R7	LX1 V320R7	0.800
550...600	X7	LX1 V320X7	0.800
<b>For contactors LC1 V610</b>			
110...120	FE7	LX1 V610FE7	0.800
220...240	P7	LX1 V610P7	0.800
380...415	V7	LX1 V610V7	0.800
440...480	R7	LX1 V610R7	0.800
550...600	X7	LX1 V610X7	0.800

<sup>(1)</sup> LC1 V160 : auxiliary contact blocks mounted at the top of the contactor, with no change to the overall dimensions.

LC1 V320 or LC1 V610 : 2 auxiliary contact blocks mounted on the RH and LH side of the contactor, with no change to the overall dimensions.

<sup>(2)</sup> For LC1 V160 : 1 N/C contact for the coil + 1 N/O contact.

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LX1 V320●●