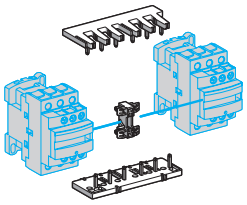
TeSys contactors

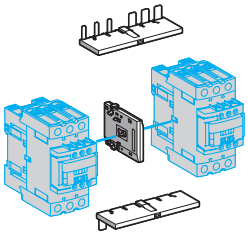
Component parts for assembling reversing contactors for motor control, low-speed/high-speed starters and star-delta starters

537729



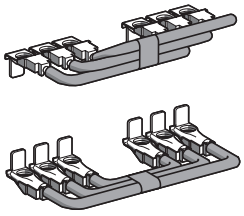
LAD 9R1

537730



LAD 9R3

537731



LA9 D8069

For 3-pole reversing contactors for motor control

Contactors with screw clamp terminals or connectors. Horizontally mounted, assembled by customer

Description	For contactors *(1)* (2 identical contactors)	Reference	Weight kg
Kits for assembly of reversing contactors			
Kit comprising: ■ a mechanical interlock **LAD 9V2** with electrical interlocking **LAD 9V1**. ■ a set of power connections **LAD 9V5** (parallel) and **LAD 9V6** (reversing)	LC1 D09 to D38	**LAD 9R1V**	0.045
Kit comprising: ■ a mechanical interlock **LAD 9V2** without electrical interlocking ■ a set of power connections **LAD 9V5** (parallel) and **LAD 9V6** (reversing)	LC1 D09 to D38	**LAD 9R1**	0.045
Kit comprising: ■ a mechanical interlock **LAD 4CM**, ■ a set of power connections **LA9 D65A69**.	LC1 D40A to D65A	**LAD 9R3**	0.170
Mechanical interlocks			
Mechanical interlock with integral electrical interlocking	LC1 D80 and D95 (~)	**LA9 D4002**	0.170
	LC1 D80 and D95 (⎓)	**LA9 D8002**	0.170
	LC1 D115 and D150	**LA9 D11502**	0.290
Mechanical interlock without integral electrical interlocking	LC1 D09 to D38	**LAD 9V2**	0.040
	LC1 D40A to D65A	**LAD 4CM**	0.040
	LC1 D80 and D95 (~)	**LA9 D50978**	0.170
	LC1 D80 and D95 (⎓)	**LA9 D80978**	0.170
Sets of power connections			
Comprising: ■ a set of parallel bars, ■ a set of reverser bars.	LC1 D09 to D38 with screw clamp terminals or connectors	**LAD 9V5** + **LAD 9V6**	–
	LC1 D09…D32 with spring terminal connections	**LAD 9V12** + **LAD 9V13** *(2)*	–
	LC1 D40A to D65A	**LA9 D65A69**	0.130
	LC1 D80 and D95 (~)	**LA9 D8069**	0.490
	LC1 D80 and D95 (⎓)	**LA9 D8069**	0.490
	LC1 D115 and D150	**LA9 D11569**	1.450

For low-speed/high-speed starter

Description	For contactors with connection type	Reference	Weight kg
Connection kit enabling reversing of low and high speed directions using a reversing contactor and a 2N/O + 2N/C main pole contactor	Screw clamps or connectors	**LAD 9PVGV**	0.016
	Power connection module with spring terminal connections	**LAD 3PVGV**	0.034
	Outgoing terminal block with spring terminal connections	**LAD 3PVGV10**	0.034

For star-delta starter

Description	For contactors	Reference	Weight kg
Mounting kit comprising: ■ 1 time delay contact block **LAD S2** (LC1 D09…D80), ■ power circuit connections (LC1 D09…D80), ■ hardware required for fixing the contactors onto the mounting plate (LC1 D80).	LC1 D09 and D12	**LAD 91217**	0.180
	LC1 D18 to D32	**LAD 93217**	0.310
	LC1 D40A and D50A	**LAD 9SD3**	0.380
	LC1 D80	**LA9 D8017**	0.680
Equipment mounting plates	LC1 D09, D12 and D18	**LA9 D12974**	0.150
	LC1 D32	**LA9 D32974**	0.180
	LC1 D40A and D50A	**–**	–
	LC1 D80	**LA9 D80973**	0.300

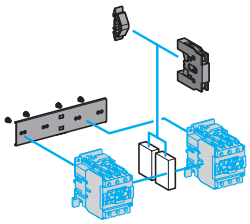
(1) To order the 2 contactors: see pages 154 and 162.

(2) To assemble a reversing contactor with spring terminal connections, the following components must be ordered:
*- 1 mechanical interlock **LAD 9V2**,*
- 1 upstream power connection kit and 1 downstream power connection kit..
*Upstream power connection kit **LAD 9V10**: installed in the Quickfit system with power connection module **LAD 34**.*
*(If module **LAD 34** is not used, replace **LAD 9V10** with **LAD 9V12**).*
*Downstream power connection kit **LAD 9V11**: installed in the Quickfit system with outgoing terminal block **LAD 331**.*
*(If **LAD 331** is not used, replace **LAD 9V11** with **LAD 9V13**).*

TeSys contactors

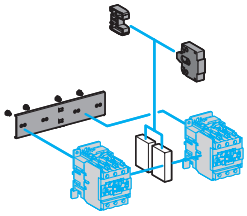
Component parts for assembling changeover contactor pairs

537732



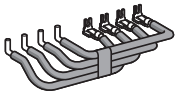
LA9 D4002

537733



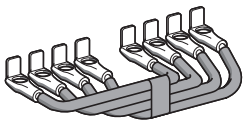
LA9 D50978

537734



LA9 D6570

537735



LA9 D8070

For 4-pole changeover contactor pairs (3-phase distribution + neutral)

Contactors with screw clamp terminals or connectors. Horizontally mounted, assembled by customer.

Description	For contactors *(1)* (2 identical contactors)	Reference	Weight kg
Kits for assembly of changeover contactor pairs			
Kit comprising: ■ a mechanical interlock **LAD 9V2** with electrical interlocking **LAD 9V1**, ■ a set of power connections (changeover) **LAD 9V7**.	LC1 DT20 to DT40 with screw clamps or connectors	**LAD T9R1V**	0.045
Kit comprising: ■ a mechanical interlock **LAD 9V2** without electrical interlocking, ■ a set of power connections (changeover) **LAD 9V7**.	LC1 DT20 to DT40 with screw clamps or connectors	**LAD T9R1**	0.045
Mechanical interlocks			
With integral electrical interlocking	LC1 D80004	**LA9 D4002**	0.170
	LP1 D80004	**LA9 D8002**	0.170
	LC1 D115004	**LA9 D11502**	0.280
Without integral electrical interlocking	LC1 DT20 to DT40 with screw clamps or connectors	**LAD 9V2** *(2)*	0.040
	LC1 DT203 to DT403 with spring terminals	**LAD 9V2** *(2)*	0.040
	LC1 DT60A and DT80A	**LAD 4CM**	0.040
	LC1 D80004	**LA9 D50978**	0.155
	LP1 D80004	**LA9 D80978**	0.180
Sets of power connections			
Comprising a set of parallel bars	LC1 D60A and D80A	**LA9 D65A70** ▲	0.150
	LC1 D80004	**LA9 D8070**	0.280
	LP1 D80004	**LA9 D8070**	0.280
	LC1 D115004	**LA9 D11570**	1.100
	LC1 DT203 to DT403 with spring terminals	**LAD 9V9**	0.100
	LC1 D80004	**LA9 D8070** *(2)*	–
	LP1 D80004	**LA9 D8070** *(2)*	–

For 3-pole changeover contactor pairs

Contactors with screw clamp terminals or connectors. Horizontally mounted, assembled by customer.

Description	For contactors *(1)* (2 identical contactors)	Reference	Weight kg
Mechanical interlocks			
Without integral electrical interlocking	LC1 D40A…D65A	**LAD 9R3S**	0.105
With integral electrical interlocking	LC1 D115 and D150	**LA9 D11502**	0.280
Sets of power connections			
Comprising a set of parallel bars,	LC1 D115 and D150	**LA9 D11571**	0.960

(1) To order the 2 contactors: see pages 154 and 162.
*(2) Order 2 contact blocks **LAD N●1** to build the electrical interlock, see page 169.*

▲ Available 3 rd quarter 2009.