TeSys contactors
TeSys d

Applications		**All types of automation system**					
							
Rated operational current	Ie max. AC-3 (Ue ⩽ 440 V)	9 A	12 A	18 A	25 A	32 A	38 A
	Ie AC-1 (θ ⩽ 60 °C)	20/25 A		25/32 A	25/40 A	50 A	
Rated operational voltage		690 V					
Number of poles		3 or 4	3 or 4	3 or 4	3 or 4	3	
Rated operational power in AC-3	220/240 V	2.2 kW	3 kW	4 kW	5.5 kW	7.5 kW	9 kW
	380/400 V	4 kW	5.5 kW	7.5 kW	11 kW	15 kW	18.5 kW
	415/440 V	4 kW	5.5 kW	9 kW	11 kW	15 kW	18.5 kW
	500 V	5.5 kW	7.5 kW	10 kW	15 kW	18.5 kW	18.5 kW
	660/690 V	5.5 kW	7.5 kW	10 kW	15 kW	18.5 kW	18.5 kW
	1000 V	–	–	–	–	–	–
Auxiliary contacts		1 N/C and 1 N/O instantaneous contacts incorporated in the contactors, with add-on blocks common to the whole range, comprising up to 4 N/C or N/O instantaneous, up to 1 N/O + 1 N/C time delay and up to 2 N/O or 2 N/C protected contacts and 2 screen continuity terminals					
Thermal overload relays manual-auto compatible	Class 10 A	0.10…10 A	0.10…13 A	0.10…18 A	0.10…32 A	0.10…38 A	0.10…38 A
	Class 20	2.5…10 A	2.5…13 A	2.5…18 A	2.5…32 A		
Suppressor modules (⎓ and low consumption contactors have built-in suppression as standard)	Varistor	●	●	●	●	●	●
	Diode	–	–	–	–	–	–
	RC circuit	●	●	●	●	●	●
	Bidirectional peak limiting diode	●	●	●	●	●	●
Interfaces	Relay	●	●	●	●	●	●
	Relay + override function	●	●	●	●	●	●
	Solid state	●	●	●	●	●	●
Contactor type references	∿ or ⎓ 3-pole	LC1 D09	LC1 D12	LC1 D18	LC1 D25	LC1 D32	LC1 D38
	∿ 4-pole	LC1 DT20/ LC1 D098	LC1 DT25/ LC1 D128	LC1 DT32/ LC1 D188	LC1 DT40/ LC1 D258	–	–
	⎓ 4-pole					–	–
Reversing contactor type references	∿ 3-pole	LC2 D09	LC2 D12	LC2 D18	LC2 D25	LC2 D32	LC2 D38
	⎓ 3-pole	LC2 D09	LC2 D12	LC2 D18	LC2 D25	LC2 D32	LC2 D38
	∿ 4-pole	LC2 DT20	LC2 DT25	LC2 DT32	LC2 DT40	–	–
	⎓ 4-pole	LC2 DT20	LC2 DT25	LC2 DT32	LC2 DT40	–	–
Pages	Contactors	24501/2 to 24502/3					
	Reversing contactors	24503/2 to 24510/3					




40 A	50 A	65 A	80 A	95 A	115 A	150 A
60 A	80 A		125 A		200 A	

1000 V on ∿ supply, 690 V on ⎓ supply

3	4	3	3	4	3	4	3	3	4	3
11 kW		15 kW	18.5 kW		22 kW		25 kW	30 kW		40 kW
18.5 kW		22 kW	30 kW		37 kW		45 kW	55 kW		75 kW
22 kW		25/30 kW	37 kW		45 kW		45 kW	59 kW		80 kW
22 kW		30 kW	37 kW		55 kW		55 kW	75 kW		90 kW
30 kW		33 kW	37 kW		45 kW		45 kW	80 kW		100 kW
22 kW		30 kW	37 kW		45 kW		45 kW	75 kW		90 kW

1 N/C and 1 N/O instantaneous contacts incorporated in the contactors, with add-on blocks common to the whole range, comprising up to 4 N/C or N/O instantaneous, up to 1 N/O + 1 N/C time delay and up to 2 N/O or 2 N/C protected contacts and 2 screen continuity terminals

17…50 A		17…70 A	17…80 A		17…104 A		17…104 A	60…150 A		60…150 A
17…40 A		17…65 A	17…70 A		17…80 A			60…150 A		60…150 A
●	●	●	●	●	●	●	●	●	●	–
●	●	●	●	●	●	●	●	–	–	–
●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	–	–	–
●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	–

LC1 D40	**LC1 D50**	**LC1 D65**	**LC1 D80**	**LC1 D95**	**LC1 D115**	**LC1 D150**
LC1 D40	**–**	**LC1 D65**	**LC1 D80**	**–**	**LC1 D115**	**–**
LP1 D40	**–**	**LP1 D65**	**LP1 D80**	**–**	**LC1 D115**	**–**

LC2 D40	**LC2 D50**	**LC2 D65**	**LC2 D80**	**LC2 D95**	**LC2 D115**	**LC2 D150**
–	**–**	**–**	**–**	**–**	**–**	**–**
LC2 D40	**–**	**LC2 D65**	**LC2 D80**	**–**	**LC2 D115**	**–**
–	**–**	**–**	**–**	**–**	**–**	**–**