

Contactors

Contactors and reversing contactors

Selection guide

Applications

Simple automation systems



Rated operational current
I_e max AC-3 (U_e ≤ 440 V)

I_e AC-1 (θ ≤ 40 °C)

6 A	9 A	12 A	16 A	9 A	12 A
20 A				25 A	

Number of poles

3	3 or 4	3	3 or 4
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Rated operational voltage

690 V

Rated operational power in category AC-3
220/240 V
380/400 V
415/440 V
500 V
660/690 V
1000 V

1.5 kW	2.2 kW	3 kW	3 kW	2.2 kW	3 kW
2.2 kW	4 kW	5.5 kW	7.5 kW	4 kW	5.5 kW
2.2/3 kW	4 kW	4...5.5 kW	4...5.5 kW	4 kW	5.5 kW
3 kW	4 kW	5.5 kW	5.5 kW	5.5 kW	7.5 kW
3 kW	4 kW	7.5 kW	7.5 kW	5.5 kW	7.5 kW
–	–	–	–	–	–

Add-on auxiliary contact
Front
Side
Front time delay
Front dust and damp protected

Up to 4 N/C or N/O	Up to 2 N/C or N/O contacts on right
–	1 N/O + 1 N/C
1 N/C	Up to 2 standard N/O contacts,

Associated manual-auto thermal overload relays
Class 10 A
Class 20 A

0.11...16 A	0.10...10 A	0.10...13 A
	2.5...10 A	2.5...13 A

Suppressor modules

Varistor, diode + zener diode or RC circuit

Varistor, diode, RC circuit or

Interfaces

With relay, with relay + override or

Contactors type references ~
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LC1 or LC7-K06	LC1 or LC7-K09	LC1 or LC7-K12	LC1-K16	LC1-D09	LC1-D12
LP1-K06	LP1-K09	LP1-K12	–	LP1-D09	LP1-D12

Reversing contactors with mechanical interlock type references ~
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LC2 or LC8-K06	LC2 or LC8-K09	LC2 or LC8-K12	LC2-K16	LC2-D09	LC2-D12
LP2-K06	LP2-K09	LP2-K12	–	LP2-D09	LP2-D12

Pages
Contactors
Reversing contactors

22032/2 to 22033/3	24011/2 to 24012/3
22035/2 to 22036/3	24015/2 to 24015/5



18 A	25 A	32 A	38 A	40 A	50 A	65 A	80 A	95 A
32 A	40 A	50 A	50 A	60 A	80 A		125 A	
3	3 or 4	3	3	3 or 4	3	3 or 4	3 or 4	3

						1000 V	1000 V	1000 V
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4 kW	5.5 kW	7.5 kW	11 kW	11 kW	15 kW	18.5 kW	22 kW	25 kW
7.5 kW	11 kW	15 kW	18.5 kW	18.5 kW	22 kW	30 kW	37 kW	45 kW
9 kW	11 kW	15 kW	22 kW	22 kW	25/30 kW	37 kW	45 kW	45 kW
10 kW	15 kW	18.5 kW	18.5 kW	22 kW	30 kW	37 kW	55 kW	55 kW
10 kW	15 kW	18.5 kW	18.5 kW	30 kW	33 kW	37 kW	45 kW	45 kW
–	–	–	–	–	–	37 kW	45 kW	–

and left hand side

2 dust and damp protected N/O contacts and 2 screen continuity terminals

0.10...18 A	0.10...32 A	0.10...36 A	0.10...40 A	17...40 A	17...65 A	17...70 A	17...80 A	17...95 A
2.5...18 A	2.5...32 A			17...32 A	17...50 A	17...70 A	17...80 A	

bidirectional peak limiting diode

solid state

LC1-D18	LC1-D25	LC1-D32	LC1-D38	LC1-D40	LC1-D50	LC1-D65	LC1-D80	LC1-D95
LP1-D18	LP1-D25	LP1-D32	–	LP1-D40	LP1-D50	LP1-D65	LP1-D80	–
LC2-D18	LC2-D25	LC2-D32	LC2-D38	LC2-D40	LC2-D50	LC2-D65	LC2-D80	LC2-D95
LP2-D18	LP2-D25	LP2-D32	–	–	–	–	–	–

24011/2 to 24012/3
24015/2 to 24015/5