

## Contactors

### DL 4 K to DL 18 K

4-18.5 kW / 5-25 HP at 460 V, 3 ph. (AC 3),

AC-operated,

3 main contacts,

integral aux. contacts

on sizes up to 11 kW



- Versatile compact contactors
- Auxiliary contacts are ENTRELEC-SCHIELE-twin aux. contacts
- Simple mounting with integral snap-on mount, with provision for screw attachment
- Ample wiring space and connecting terminals with plus/minus screws and self-lifting clamps which are supplied in the "open" position allow fast and economic wiring
- Finger protection to VDE 01060 Part 100
- Bi-frequency coils - 50/60 Hz
- Expandable due to comprehensive system components - 2- and 4-pole contact blocks, mechanical interlock, electromechanical latch head and pneumatic timer
- Safety isolation up to 400 V AC of coil and contact elements to DIN VDE 0106: Part 101 and A1

■ Approvals:

Voltage codes 04 ... 73 to be added to the contactor order reference number

Code number	for coil voltage AC	Color code <sup>1)</sup> AC
... 04	12 V	violet
... 06	24 V	violet
... 10	32 V	violet
... 11	36 V	green
... 13	42 V	white
... 15	48 V	white
... 19	60 V	green
... 25	110 V	yellow
... 28	120 V	yellow
... 29	127 V	yellow
... 38	208 V	blue
... 40	230 V	blue
... 41	220 V	blue
... 43	240 V	blue
... 59	400 V	red
... 61	380 V	red
... 63	415 V	red
... 65	440 V	red
... 69	500 V	black
... 73	600 V	black

Our control relays and compact contactors are delivered with bi-frequency coils for 50/60 Hz.

Further notes at the bottom of this page.

## Characteristics

Max. AC 3 ratings of 3-phases motors (kW)				Rated operational current I <sub>e</sub> AC 1 / AC 3 A	Contactor type	Order ref.: see supplements at the top right	Circuit diagram / numbering to DIN EN 50 005 and DIN EN 50 012	Weight kg	Suitable therm. overload relay	For dimensions see page 1674
230 V	400 V	500 V	690 V							
2.2	4	5.5	4	22/9	DL 4 K-10	1 366 001 ..		0.38	M 23 K	
					DL 4 K-01	1 366 004 ..		0.38		
					DL 4 K-22	1 366 031 ..		0.45		
3	5.5	7.5	5.5	25/12	DL 5 K-10	1 366 013 ..		0.38	M 23 K	
					DL 5 K-01	1 366 016 ..		0.38		
					DL 5 K-22	1 366 037 ..		0.45		
4	7.5	11	7.5	39/16	DL 7 K-10	1 366 201 ..		0.38	M 23 K	
					DL 7 K-01	1 366 204 ..		0.38		
					DL 7 K-22	1 366 231 ..		0.45		
5.5	11	15	11	39/23	DL 11 K-10	1 366 213 ..		0.38	M 23 K	
					DL 11 K-01	1 366 216 ..		0.38		
					DL 11 K-22	1 366 237 ..		0.45		
9	15	18.5	15	54/30	DL 15 K	1 370 001 .. <sup>a)</sup>		0.45	M 40 K	
					DL 15 K-22	1 370 017 .. <sup>b)</sup>		0.45		
11	18.5	20	18.5	54/37	DL 18 K	1 370 004 .. <sup>a)</sup>		0.45	M 40 K	
					DL 18 K-22	1 370 020 .. <sup>b)</sup>		0.45		

## Notes

Normal/Standard voltages are: (Short-term availability)  
Other coil voltages on request

AC: 24, 42, 110, 230 and 400 V  
DC: 24, 110 and 220 V

Type DL 4 K-22 to DL 18 K-22 contactors are supplied with the auxiliary contacts fitted.

Auxiliary contact blocks - page 1613

Further system components - pages 1613-1617

Technical details - page 1667

Possible auxiliary contact block combinations - page 1615

<sup>1)</sup> Color code to IEC 309-1 printed on the coil.  
Only for compact contactors, HL 4 K / HL 8 K and DL 4 K - DL 18 K