


# Enclosed Direct-on-Line Starter

Three-phase D.O.L Starter

- Assembled with thermal overload relay
- Short circuit protection has to be ensured by a separate short circuit protection facility
- IP65



Maximum rated operational power of three-phase motors 50/60 Hz <sup>1)</sup>				Setting range of overload relay  I <sub>r</sub> (A)	Max. rated operational A	Reference Code	Contactor	Overload relay	Weight kg
230-240V kW	400-415V kW	500V kW	690V kW						
Enclosed Direct-On-Line Starters size 02									
0.06	0.09	-	-	0.28 ... 0.4	0.4	DLW-7■■■■P65-R01	CW07	RW17-1D3-D004	0.530
0.09	0.12	-	-	0.4 ... 0.63	0.63	DLW-7■■■■P65-R02	CW07	RW17-1D3-C063	
	0.18	-	-						
0.12	0.25	-	-	0.56 ... 0.8	0.8	DLW-7■■■■P65-R03	CW07	RW17-1D3-D008	
0.18	0.37	-	-	0.8 ... 1.2	1.2	DLW-7■■■■P65-R04	CW07	RW17-1D3-D012	
0.25	0.55	-	-	1.2 ... 1.8	1.8	DLW-7■■■■P65-R05	CW07	RW17-1D3-D018	
0.37	0.75	-	-	1.8 ... 1.8	2.8	DLW-7■■■■P65-R06	CW07	RW17-1D3-D028	
0.55	1.1	-	-						
0.75	1.5	-	-	2.8 ... 4.0	4.0	DLW-7■■■■P65-R07	CW07	RW17-1D3-U004	
1.1	2.2	-	-	4.0 ... 6.3	6.3	DLW-7■■■■P65-R08	CW07	RW17-1D3-D063	
1.5	3	-	-	5.6 ... 8.0	7.0	DLW-7■■■■P65-R09	CW07	RW17-1D3-U008	
Enclosed Direct-On-Line Starters size 04									
-	-	0.12	0.18	0.28 ... 0.4	0.4	DLW-9■■■■P65-R20	CWM9	RW27-1D3-D004	0.804
-	-	0.18	0.25	0.4 ... 0.63	0.63	DLW-9■■■■P65-R21	CWM9	RW27-1D3-C063	
-	-	0.25	0.37	0.56 ... 0.8	0.8	DLW-9■■■■P65-R22	CWM9	RW27-1D3-D008	
-	-	0.37	0.55	0.8 ... 1.2	1.2	DLW-9■■■■P65-R23	CWM9	RW27-1D3-D012	
-	-	0.55	0.75						
-	-	0.75	1.1	1.2 ... 1.8	1.8	DLW-9■■■■P65-R24	CWM9	RW27-1D3-D018	
-	-	1.1	1.5	1.8 ... 2.8	2.8	DLW-9■■■■P65-R25	CWM9	RW27-1D3-D028	
-	-	1.5	2.2						
-	-	2.2	3	2.8 ... 4.0	4.0	DLW-9■■■■P65-R26	CWM9	RW27-1D3-U004	
-	-	3	4	4.0 ... 6.3	6.3	DLW-9■■■■P65-R27	CWM9	RW27-1D3-D063	
-	-	4	5.5	5.6 ... 8.0	8.0	DLW-9■■■■P65-R28	CWM9	RW27-1D3-U008	
2.2	4	5.5	7.5	7.0 ... 10	9.0	DLW-9■■■■P65-R29	CWM9	RW27-1D3-U010	0.815
3.0	5.5	-	9.2	8.0 ... 12.5	12	DLW-12■■■■P65-R30	CWM12	RW27-1D3-D125	
-	-	7.5	11	10 ... 15	15	DLW-18■■■■P65-R31	CWM18	RW27-1D3-U015	
4.0	7.5	9.2	-	11 ... 17	67	DLW-18■■■■P65-R32	CWM18	RW27-1D3-U017	0.860
-	9.2	11	15	15 ... 23	18	DLW-18■■■■P65-R33	CWM18	RW27-1D3-U023	
5.5	11	-	18.5	15 ... 23	23	DLW-25■■■■P65-R33	CWM25	RW27-1D3-U023	
7.5	-	15	22	22 ... 32	25	DLW-25■■■■P65-R34	CWM25	RW27-1D3-U032	
Enclosed Direct-On-Line Starters size 06									
-	15	18.5	-	22 ... 32	32	DLW-32■■■■P65-R34	CWM32	RW27-1D3-U032	1.270
9.2	-	-	30	25 ... 40	32	DLW-32■■■■P65-R35	CWM32	RW67-1D3-U040	
11	18.5	22	-	25 ... 40	40	DLW-40■■■■P65-R35	CWM40	RW67-1D3-U040	1.430
-	-	-	37	32 ... 50	40	DLW-40■■■■P65-R37	CWM40	RW67-1D3-U050	

Replace by code for control voltage

Replace by version suffix code (device)

Control voltage 50/60Hz <sup>2)</sup>	230V	240V	400V	415V	500V
Codes	D24	D25	D34	D35	D40

Versions (add suffix code in type)	
Device	Code
Start - Stop/Reset operation (standard)	P
Remote control (without buttons)	I
Stop/Reset operation (without ON button)	D
Hand/OFF/Auto operation (Hand = local control / Auto = remote control)	B

Notes: 1) Some motors characteristics may vary according to each manufacturer.  
 2) Other voltages available.  
 3) Spare mini contactor for DLW-7 on request.