

SOLUTIONS FOR THE COMPRESSOR INDUSTRY

ESW and PESW **Enclosed Starters**

Motors
Automation
Energy
Transmission and
Distribution
Coatings



Driving efficiency and sustainability





Enclosed Starters for the Compressor Market

ESW & PESW

WEG enclosed magnetic starters for Compressor applications.

WEG non-combination magnetic starters use WEG CWB series UL listed, HP rated, IEC contactors and overloads factory installed in a Nema 1 or Nema 4X enclosure. These starters come pre-wired for automatic pressure switch operation and are also available with a selector switch for On/ Auto use. Available from 1/10 - 7.5 HP @230V single phase and 3/4 - 50 HP @460V three phase, they are designed for years of heavy duty operation.

Max. UL Horsepower		Setting Range (A)	Coil Voltage (V)	Single - Phase Starters			
				ESWS NEMA 1	BOX	PESWS NEMA 4X	BOX
115V	230V			Catalog Number		Catalog Number	
N/A	1/10	1.2-1.8	120	ESWS-B9D15E-RM24	M04	PESWS-B9D15EX-RM58	05
			208-240	ESWS-B9V24E-RM24		PESWS-B9V24EX-RM58	
N/A	1/6	1.8-2.8	120	ESWS-B9D15E-RM25	M04	PESWS-B9D15EX-RM59	05
			208-240	ESWS-B9V24E-RM25		PESWS-B9V24EX-RM59	
1/8	1/3	2.8-4.0	120	ESWS-B9D15E-RM26	M04	PESWS-B9D15EX-RM60	05
			208-240	ESWS-B9V24E-RM26		PESWS-B9V24EX-RM60	
1/4	1/2	4.0-6.3	120	ESWS-B9D15E-RM27	M04	PESWS-B9D15EX-RM61	05
			208-240	ESWS-B9V24E-RM27		PESWS-B9V24EX-RM61	
1/3	1	5.6-8.0	120	ESWS-B9D15E-RM28	M04	PESWS-B9D15EX-RM62	05
			208-240	ESWS-B9V24E-RM28		PESWS-B9V24EX-RM62	
1/2	1-1/2	7.0-10	120	ESWS-B9D15E-RM29	M04	PESWS-B9D15EX-RM63	05
			208-240	ESWS-B9V24E-RM29		PESWS-B9V24EX-RM63	
1/2	2	8.0-12.5	120	ESWS-B12D15E-RM30	M04	PESWS-B12D15EX-RM64	05
			208-240	ESWS-B12V24E-RM30		PESWS-B12V24EX-RM64	
3/4	2	10-15	120	ESWS-B18D15E-RM31	M04	PESWS-B18D15EX-RM65	05
			208-240	ESWS-B18V24E-RM31		PESWS-B18V24EX-RM65	
1	3	11-17	120	ESWS-B18D15E-RM32	M04	PESWS-B18D15EX-RM66	05
			208-240	ESWS-B18V24E-RM32		PESWS-B18V24EX-RM66	
1-1/2	3	15-23	120	ESWS-B25D15E-RM33	M04	PESWS-B25D15EX-RM67	05
			208-240	ESWS-B25V24E-RM33		PESWS-B25V24EX-RM67	
2	5	22-32	120	ESWS-B32D15E-RM34	M04	PESWS-B32D15EX-RM68	05
			208-240	ESWS-B32V24E-RM34		PESWS-B32V24EX-RM68	
3	7-1/2	32-40	120	ESWS-B38D15E-RM35	M04	PESWS-B38D15EX-RM69	05
			208-240	ESWS-B38V24E-RM35		PESWS-B38V24EX-RM69	

Max. UL Horsepower		Setting Range (A)	Coil Voltage (V)	Three - Phase Starters			
				ESW NEMA 1	BOX	PESW NEMA 4X	BOX
230V	460V			Catalog Number		Catalog Number	
N/A	3/4	1.2-1.8	208-240	ESW-B9V24E-R24	M04	PESW-B9V24EX-R58	05
			480	ESW-B9D39E-R24		PESW-B9D39EX-R58	
1/2	1	1.8-2.8	208-240	ESW-B9V24E-R25	M04	PESW-B9V24EX-R59	05
			480	ESW-B9D39E-R25		PESW-B9D39EX-R59	
3/4	2	2.8-4.0	208-240	ESW-B9V24E-R26	M04	PESW-B9V24EX-R60	05
			480	ESW-B9D39E-R26		PESW-B9D39EX-R60	
1-1/2	3	4.0-6.3	208-240	ESW-B9V24E-R27	M04	PESW-B9V24EX-R61	05
			480	ESW-B9D39E-R27		PESW-B9D39EX-R61	
2	5	5.6-8.0	208-240	ESW-B9V24E-R28	M04	PESW-B9V24EX-R62	05
			480	ESW-B9D39E-R28		PESW-B9D39EX-R62	
3	5	7.0-10	208-240	ESW-B9V24E-R29	M04	PESW-B9V24EX-R63	05
			480	ESW-B9D39E-R29		PESW-B9D39EX-R63	
3	7-1/2	8.0-12.5	208-240	ESW-B12V24E-R30	M04	PESW-B12V24EX-R64	05
			480	ESW-B12D39E-R30		PESW-B12D39EX-R64	
5	10	11-17	208-240	ESW-B18V24E-R32	M04	PESW-B18V24EX-R66	05
			480	ESW-B18D39E-R32		PESW-B18D39EX-R66	
7-1/2	15	15-23	208-240	ESW-B25V24E-R33	M04	PESW-B25V24EX-R67	05
			480	ESW-B25D39E-R33		PESW-B25D39EX-R67	
10	20	22-32	208-240	ESW-B32V24E-R34	M04	PESW-B32V24EX-R68	05
			480	ESW-B32D39E-R34		PESW-B32D39EX-R68	
N/A	25	32-40	208-240	ESW-B38D15E-R35	M04	PESW-B38V24EX-R69	05
			480	ESW-B38V24E-R35		PESW-B38D39EX-R69	
10	20	32-40	208-240	ESW-B40V24E-R70	M06	PESW-B40V24EX-R70	08
			480	ESW-B40D39E-R70		PESW-B40D39EX-R70	
15	30	32-50	208-240	ESW-B50V24E-R71	M06	PESW-B50V24EX-R71	08
			480	ESW-B50D39E-R71		PESW-B50D39EX-R71	
20	40	40-57	208-240	ESW-B65V24E-R72	M06	PESW-B65V24EX-R72	08
			480	ESW-B65D39E-R72		PESW-B65D39EX-R72	
25	50	57-70	208-240	ESW-B80V24E-R74	M06	PESW-B80V24EX-R74	08
			480	ESW-B80D39E-R74		PESW-B80D39EX-R74	

Enclosed Starters for the Compressor Market

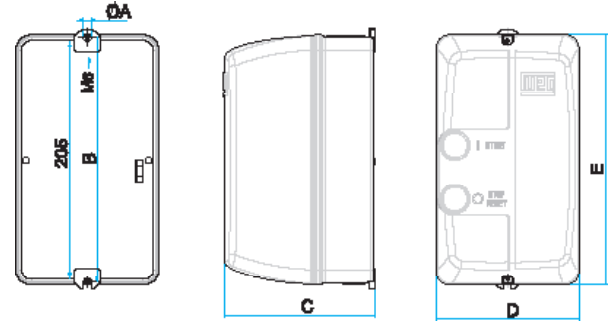


ESW & PESW

DIMENSIONS - PESW/PESWS

SIZE 05 mm(in)	SIZE 08 mm (in)	SIZE 10 mm (in)
øA = 5.5 (0.2165)	øA = 6.0 (0.2)	øA = 7.0 (0.3)
B = 219.0 (8.622)	B = 275 (10.8)	B = 355 (14.0)
C = 112 (4.4331)	C = 143 (5.6)	C = 167 (6.6)
D = 114.0 (4.4882)	D = 180 (7.1)	D = 250 (9.9)
E = 217.5 (8.544)	E = 280 (11.0)	E = 360 (14.2)

Provision for cable gland fitting	Standard		
	Top	Bottom	Back
Size 05	2 x 1/2" - 3/4" PG13.5	2 x 1/2" - 3/4" PG13.5	4 X 1/2" PG13.5
Size 08	2 x 3/4" and 1"	2 x 3/4" and 1"	-
Size 10	2 x 3/4" and 1"	2 x 3/4" and 1"	-
	1 x 1" and 1 1/4"	1 x 1" and 1 1/4"	-



DIMENSIONS - ESW/ESWS

Provision for cable gland fitting	Standard			
	Top	Bottom	Side	Back
Box M04	2x (½" or ¾")	2x (½" or ¾")	4x (½" or ¾")	2x (½" or ¾")
	1x (¾" or 1")	1x (¾" or 1")	-	-
Box M06	1x (½" or ¾")	1x (½" or ¾")	3x (½" or ¾")	-
	2x (1" or 1-1/4")	2x (1" or 1-1/4")	4x (1" or 1-1/4")	-
Box M08	1x (1")	1x (1")	1x (1")	1x (1")
	1x (1-1/2")	1x (1-1/2")	4x (¾")	-

Dimensions (approx. inches)				
Enclosed Starters	Enclosure Size			
	BOX	H	W	D
ESW(S) B9, B12, B18, B25, B32, B38	M04	9.5	5.5	5.0
ESW(S) B40, B50, B65, B80	M06	13.0	7.5	5.6
ESW 95, 105	M08	17.8	9.5	6.7



WEG's scope of solutions is not limited to the products and solutions presented in this brochure.

Contact WEG for information on additional products and solutions.

**For WEG's worldwide
operations visit our website**



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