

# FP605

## SINGLE-PHASE INPUT RATINGS

Single-phase motor control is limited and challenging. Rely on quality, reliable three-phase motor control using drives designed to operate under single-phase input power.

The FP605 can utilize single-phase input power. Use the tables below to select the correct model for the application. The tables below apply to the following FP605 drives versions:

- IP20/UL Type 1 (2011-2169; 4005-4156)
- IP20/Protected chassis (2211-2396; 4180-4720)
- IP55/UL Type 12 (2011-2114; 4005-4124)
- IP55/UL Type 12 with switch (2011-2114; 4005-4096)



## 240 V SINGLE-PHASE INPUT DRIVE RATINGS

240V Single Phase Input (-5% to +10%), 208V Three-Phase Motor				
Catalog Code FP65U	Without additional impedance			
	Output Capacity		Single-Phase Input	
	Motor Power (HP)	Motor FLA	Power (kVA)	Input Amps
2011A□A	1.0	4.6	1.7	7.4
2017A□A	2.0	7.5	3.2	14
2024A□A	3.0	10.6	4.6	20
2031A□A	3.0	10.6	4.6	20
2046A□A	5.0	17.0	7.3	32
2059A□A	7.5	24	10.3	45
2075A□A	7.5	24	10.3	45
2088A□A	10	31	14	60
2114A□A	10	31	14	60
2143A□A	10	31	14	60
2169A□A	15	46	20	89
2211A□A	30	92	38	166
2273A□A	30	92	39	169
2343A□A	40	120	51	222
2396A□A	50	150	62	273

240V Single Phase Input (-5% to +10%), 230V Three-Phase Motor				
Catalog Code FP65U	Without additional impedance			
	Output Capacity		Single-Phase Input	
	Motor Power (HP)	Motor FLA	Power (kVA)	Input Amps
2011A□A	1.0	4.2	1.6	6.8
2017A□A	2.0	6.8	2.8	12
2024A□A	3.0	9.6	4.1	18
2031A□A	3.0	9.6	4.1	18
2046A□A	5.0	15.2	6.6	29
2059A□A	7.5	22	9.3	41
2075A□A	7.5	22	9.3	41
2088A□A	10	28	13	55
2114A□A	10	28	13	55
2143A□A	10	28	13	55
2169A□A	15	42	19	82
2211A□A	30	80	38	166
2273A□A	30	80	39	169
2343A□A	40	104	51	222
2396A□A	50	130	62	273

# FP605 SINGLE-PHASE INPUT RATINGS

## 480 V SINGLE-PHASE INPUT DRIVE RATINGS

480 V Single-Phase Input (-5% to +10%) 460 V Three-Phase Motors				
Catalog Code FP65U	Without additional impedance			
	Output Capacity		Single-Phase Input	
	Motor Power (HP)	Motor FLA	Power (kVA)	Input Amps
4005A□A	1.0	2.1	1.5	3.4
4008A□A	2.0	3.4	2.8	6.1
4011A□A	3.0	4.8	4.1	9.0
4014A□A	3.0	4.8	4.1	9.0
4021A□A	3.0	4.8	4.1	9
4027A□A	5.0	7.6	6.8	15
4034A□A	5.0	7.6	6.8	15
4040A□A	7.5	11.0	10	21
4052A□A	10	14.0	13	28
4065A□A	10	14	13	28
4077A□A	15	21	19	41
4096A□A	15	21	19	41
4124A□A	25	34	31	67
4156A□A	30	40	36	79
4180A□A	50	65	62	136
4240A□A	50	65	63	138
4302A□A	50	65	64	140
4361A□A	75	96	93	205
4414A□A	100	124	122	267
4477A□A	125	156	152	334
4515A□A	125	156	153	335
4590A□A	150	180	183	401
4720A□A	150	180	183	401

Notes:

- FP605 has 5% DCL built-in for models 2011-2169 and 4005-4156. Addition of external AC reactor is not recommended for these models.
- FP605 has 3% DCL built-in for models 2211 ~ 2396 and 4180 ~ 4720. External AC reactors have been recommended to optimize the 1PH ratings for these models. See FP605 selection guide for single phase drive ratings with additional impedance.

