



General

YCP5 series AC Motor Starter is suitable for circuits the alternating voltage up to 690V, current up to 80A. The product works to control the overload, phase loss, short circuit protection and infrequent starts of a three-phase squirrel cage asynchronous motor. The Motor Starter can protect the distributing line for infrequent load transfer, and it can also works as an isolator.

Operation and installation condition

1. Installation altitude ≤ 2000m
2. Ambient air temperature -5°C ~ +40°C average temperature of 24 hours must be below +35°C
3. Relative humidity below 90% when the temperature is +25°C ± 5°C
4. Ambient pollution level: 3
5. Installation category of the starter: III

Acting characteristic of each phase in distribution circuit breaker in the load balanced condition

No.	Multiple of setting current	Acting time	Initial state	Ambient air temperature
1	1.0In	≤ 2h non-tripping	Cold state	+40°C ± 2°C
2	1.2In	≤ 2h tripping	Start after 1	+40°C ± 2°C

Outline and installation dimensions

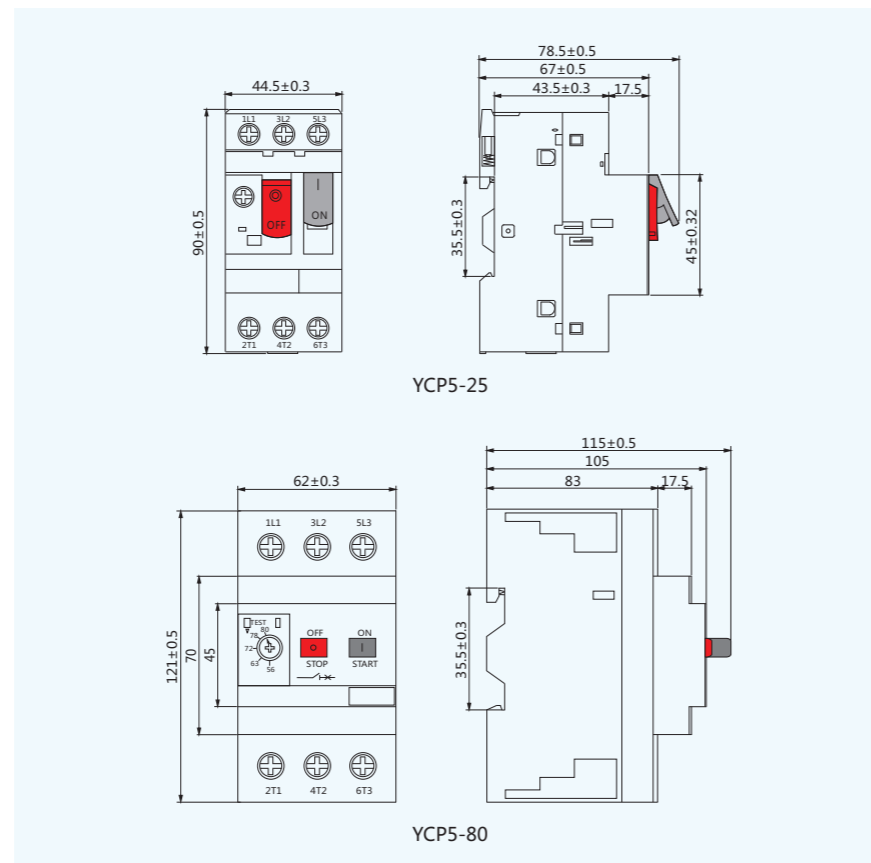


Table 1

Type	Standard power ratings of 3-phase molors 50/60Hz in category AC-3						Current setting range
	220V kW	380V kW	415V kW	440V kW	500V kW	660V kW	
YCP5-25-ME01	-	-	-	-	-	-	0.1-0.16
YCP5-25-ME02	-	-	-	-	-	-	0.16-0.25
YCP5-25-ME03	-	-	-	-	-	-	0.25-0.4
YCP5-25-ME04	-	-	-	-	-	0.37	0.4-0.63
YCP5-25-ME05	-	-	-	0.37	0.37	0.55	0.63-1
YCP5-25-ME06	-	0.37	-	0.55	0.75	1.1	1-1.6
YCP5-25-ME07	0.37	0.75	0.75	1.1	1.1	1.5	1.6-2.5
YCP5-25-ME08	0.75	1.5	1.5	1.5	2.2	3	2.5-4
YCP5-25-ME10	1.1	2.2	2.2	3	3.7	4	4-6.3
YCP5-25-ME14	2.2	4	4	4	5.5	7.5	6-10
YCP5-25-ME16	3	5.5	5.5	7.5	7.5	9	9-14
YCP5-25-ME20	4	7.5	9	9	9	11	13-18
YCP5-25-ME21	5.5	11	11	11	11	15	17-23
YCP5-25-ME22	5.5	11	11	11	15	18.5	20-25
YCP5-25-ME32	7.5	15	15	15	18.5	26	24-32
YCP5-80-ME10	1.1	2.2	2.2	3	3.7	4	6-10
YCP5-80-ME16	2.2	4	4	4	5.5	7.5	10-16
YCP5-80-ME20	4	7.5	7.5	7.5	10	11	14-20
YCP5-80-ME25	5.5	11	11	11	15	18.5	16-25
YCP5-80-ME40	11	18.5	22	22	25	33	25-40
YCP5-80-ME63	15	30	33	33	40	55	40-63
YCP5-80-ME80	22	40	45	45	55	63	56-80