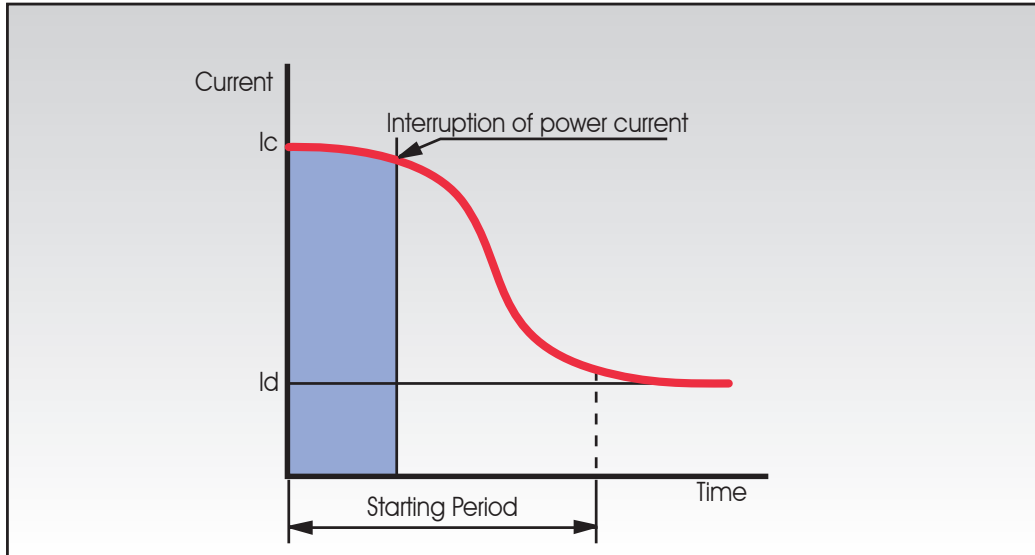


## AC-4 Utilization Category



AC-4 utilisation category. The contactor must be capable of interruption the starting current  $I_d$ .

1. This category covers asynchronous squirrel-cage or slip-ring motors capable of operating under regenerative-braking or inching (jogging) conditions.
2. The control device establishes the starting current and is capable of interrupting the starting current at a voltage that may be equal to that of the mains.
3. Such difficult conditions require oversizing of the control and protective devices with respect to category AC3.

Type	Max. Breaking And Making Power During Starting		Inching kW						Plugging	
	200 - 240 V	380 - 440 V	200 - 220 V			380 - 440 V			200 - 220 V	380 - 440 V
	(kW)	(kW)	% 10	% 50	% 100	% 100	% 50	% 100	(kW)	(kW)
SCM-9	1.5	2.2	2.2	1	0.75	2.7	1.5	1.1	0.75	0.75
SCM-12	2.2	4	2.7	1.5	1.1	4	3.7	2.2	0.75	1
SCM-18	3.7	4	3.7	2.7	1.5	4	4	3.7	1.5	2.2
SCM-22	3.7	5.5	4	3.7	2.5	7.5	7.5	5.5	2.2	3.7
SCM-32	4.5	7.5	5.5	4.5	4.5	11	9	7.5	2.5	4.5
SCM-40	5.5	11	7.5	5.5	4.5	15	11	11	3.7	4.5
SCM-50	7.5	15	11	7.5	5.5	22	15	15	5.5	7.5
SCM-65	11	22	15	11	7.5	30	22	15	7.5	11
SCM-75	13	25	18.5	15	9	37	30	15	9	15
SCM-85	15	30	19	15	11	37	30	22	9	18.5
SCM-100	19	37	25	19	11	50	37	25	11	22
SCM-125	22	45	30	22	15	60	45	30	15	30
SCM-150	30	55	37	30	19	75	55	45	19	37