Common applications, used as a guide to determine appropriate Trip Class.

Application	Trip Class	Start Time (s)	Notes
Standard	5	5	Suitable for Star / Delta applications with < 5 s Star time, motor starts off load
Heavy	10B	12	Suitable for Star / Delta with applications < 12 s Star time
High Torque	20	12	Requires more starting torque than a Star / Delta
Centrifugal Pump	10	10	Generally easy to start when pumping water
Positive displacement Pump	10	12	Can be difficult to start
Off load Conveyor	5	5	Unloaded at start
Heavy conveyor	20	12	Loaded at start
High inertia fan	10	23	Generally fans greater or equal to 45KW
Off load Compressor	5	5	Special circuits ensure motor starts off load
Loaded Compressor	10	12	Some compressor systems can be difficult to start
Off load Mixer	5	5	No material in basin, off load
Heavy Mixer	20	12	Material in basin

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