

# ATS480

**This document gives the mean time to failure (MTTF) values of ATS480 softstarter.**

Softstarter MTTF values are based on IEC 62380.

These MTTF values are given for an external temperature of 30°C and 60°C during operation.

The fan is an aging part to replace in maintenance. Hence the fan is not taken into account in these MTTF values.

## External ambient temperature of 30°C

Commercial references	MTTF values for continuous operation (in hours)	MTTF values for intermittent operation <sup>(1)</sup> (in hours)
ATS480D17Y ATS480D22Y ATS480D32Y	302 213	237 123
ATS480D38Y ATS480D47Y	302 213	237 123
ATS480D62Y ATS480D75Y	277 321	219 915
ATS480D88Y ATS480C11Y	277 321	219 915
ATS480C14Y ATS480C17Y	262 886	192 041
ATS480C21Y ATS480C25Y ATS480C32Y	234 816	167 175
ATS480C41Y	234 269	176 905
ATS480C48Y ATS480C59Y ATS480C66Y	217 467	151 673
ATS480C79Y	167 101	106 779
ATS480M10Y ATS480M12Y	156 730	98 453

(1) Intermittent operation is 4020 operating hours per year and 335 power on/off per year

External ambient temperature of 60°C

Commercial references	MTTF values for continuous operation (in hours)	MTTF values for intermittent operation (1) (in hours)
ATS480D17Y ATS480D22Y ATS480D32Y	104 189	113 325
ATS480D38Y ATS480D47Y	104 189	113 325
ATS480D62Y ATS480D75Y	100 725	109 240
ATS480D88Y ATS480C11Y	100 725	109 240
ATS480C14Y ATS480C17Y	94 447	101 894
ATS480C21Y ATS480C25Y ATS480C32Y	80 872	80 871
ATS480C41Y	83 652	85251
ATS480C48Y ATS480C59Y ATS480C66Y	75 048	73 729
ATS480C79Y	56 984	52 337
ATS480M10Y ATS480M12Y	53 750	48 330

(1) Intermittent operation is 4020 operating hours per year and 335 power on/off per year