

1. Damper actuators used for Fire/Smoke applications shall be designed to meet the UL555 and UL555S standards at 350°F.
2. Damper actuators used for Fire/Smoke applications shall meet the UBC timing requirement of 15-second operation in both the open and closed direction.
3. Damper actuators used for Fire/Smoke applications must be UL and cUL listed, CE conforming, and manufactured under ISO 14001 and ISO 9001:2000 procedures.
4. Damper actuators used for Fire/Smoke applications shall be verified to meet the requirements of AMCA standard 520 long-term hold test.
5. Damper actuators used for Fire/Smoke applications shall have built in end switch capability.
6. Damper actuators used for Fire/Smoke applications must include an integrated EFL (electronic fuse link) capability to cut the low voltage power to the actuator when the temperature reaches the design specification of 165°F, 212°F, 250°F or 350°F.
7. Damper actuator used for Fire/Smoke applications must have a VA draw of <25VA when running and <10VA in the hold mode.
8. Damper actuators used for Fire/Smoke applications must be pre-cabled with Teflon cabling.
9. Damper actuators used for Fire/Smoke applications must be capable of bi-directional fail-safe spring return operation.
10. Damper actuators used for Fire/Smoke applications must be capable of manually positioning output coupling in the absence of power.
11. Damper actuators used for Fire/Smoke applications must be the direct-coupled type requiring no connecting linkages.
12. Damper actuators used for Fire/Smoke applications must be operable in ambient temperatures of 0°F through 140°F.
13. Damper actuators used for Fire/Smoke applications must be free of silicone.
14. Damper actuators used for Fire/Smoke applications must be manufactured by Siemens Building Technologies Inc., no substitutions allowed.