

**SYNOPSIS OF IS/ISO 7240-27: 2018 'FIRE DETECTION AND ALARM SYSTEMS
- PART 27: POINT-TYPE FIRE DETECTORS USING A SCATTERED-LIGHT,
TRANSMITTED LIGHT OR IONIZATION SMOKE SENSOR, AN
ELECTROCHEMICAL-CELL CARBON-MONOXIDE SENSOR AND A HEAT
SENSOR'**

This standard specifies the requirements, test methods and performance criteria for multi-sensor point fire detectors that incorporate a smoke sensor, a carbon monoxide (CO) sensor and, optionally, one or more heat sensors, for use in fire detection and alarm systems installed in buildings.

For the testing of other types of fire detectors using smoke, CO and, optionally, heat sensors working on different principles, this document can be used only for guidance. This document is not applicable to fire detectors using smoke, CO and, optionally heat sensors, which have special characteristics and which have been developed for specific risks.

This Indian Standard is identical with ISO 7240–27: 2018 'Fire detection and alarm systems – Part 27: Point-type fire detectors using a scattered-light, transmitted light or ionization smoke sensor, an electrochemical-cell carbon-monoxide sensor and a heat sensor' issued by the International Organization for Standardization (ISO).