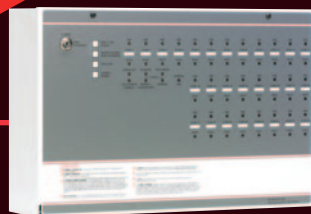


Context[®]
Plus

Conventional Fire Equipment Catalogue



SERIES 65A (UL) CONVENTIONAL FIRE DETECTORS



MADE IN ENGLAND



Series 65A Optical smoke detector
Part Number 55000-326IMC

CONTEXT PLUS SERIES 65A PHOTO-ELECTRIC SMOKE DETECTORS 55000-326IMC

Detector	Context Plus Series 65A Photo-electric
Features	Flashing LED
Part No	55000-326IMC
Supply voltage	9 to 33V
Average stand-by current at 24V	45µA
Average stand-by current at 9V	40µA
Alarm current at 24V	52mA
Alarm current at 9V	17mA
Alarm indication	Red LED
Ambient temperature	32 to 100°F
Max wind continuous	not affected
Remote output (R-)	Current sink to -ve line, limited to 17mA.



MADE IN ENGLAND



Series 65A Fixed Temp / Rate of Rise
heat detector 135 °F
Part Number 55000-139IMC

CONTEXT PLUS SERIES 65A THERMAL DETECTORS 55000-139IMC / 145IMC

Detector	Series 65A Thermal	Series 65A Thermal
Features	Flashing LED	Flashing LED
Rating	Ordinary	Intermediate
Part No	55000-139IMC	55000-145IMC
Supply voltage	9 to 33V	9 to 33V
Average stand-by current at 24V	55µA	55µA
Average stand-by current at 9V	50µA	50µA
Alarm current at 24V	52mA	52mA
Alarm current at 9V	17mA	17mA
Alarm indication	Red LED	Red LED
Ambient temperature	32 to 100°F	32 to 100°F
Max wind continuous	not affected	not affected
Remote output (R-)	Current sink to -ve line, limited to 17mA.	Current sink to -ve line, limited to 17mA.



MADE IN ENGLAND



Part Number 45681-200IMC
Part Number 45681-245

CONTEXT PLUS SERIES 65A BASES 45681-200IMC / 45681-245

Series 65A bases have been designed to enable detectors to be plugged in without any need for force - particularly useful on suspended ceilings. All versions are lockable. It has no electronic parts that could be damaged during installation.

65A UL ORDER CODES

	Part Code
Series 65A Optical smoke detector, UL Listed with Flashing LED, Context Plus branded	55000-326IMC
Series 65A Ionisation smoke detector, UL Listed with Flashing LED, Context Plus branded	55000-226IMC
Series 65A Fixed Temp / Rate of Rise heat detector 135 °F, UL Listed with Flashing LED, Context Plus branded	55000-139IMC
Series 65A Fixed Temp / Rate of Rise heat detector 200 °F, UL Listed with Flashing LED, Context Plus branded	55000-145IMC
Series S65A Base only	45681-200IMC
Standard Relay base for Series 65A detectors	45681-245
RLI Remote LED Detector Indicator	BF318

SERIES 65E (EN) CONVENTIONAL FIRE DETECTORS

Context
Plus



Our Series 65E EN54 compliant detectors incorporate well-proven sensing technologies. The range comprises optical and ionisation smoke detectors, two grades of heat detector and a range of bases. Each has an LED which flashes in stand-by, is clear in quiescent and lit red in alarm.

- ▶ Wide-operating voltage of 9–33 V DC
- ▶ Remote indicator connection as standard
- ▶ Proven detection performance



MADE IN ENGLAND

Series 65E Optical smoke detector
Part Number 55000-316IMC

Series 65E Ionisation smoke detector
Part Number 55000-216IMC

SERIES 65E SMOKE DETECTOR WITH FLASHING LED 55000-316IMC (Optical) 55000-216IMC (Ionisation)

Detection principle:	Photo-electric detection of light scattered in a forward direction by smoke particles
Power-up surge current:	115µA @ 24VDC
Status Indicator:	Red in Alarm, Off in Fault condition
Quiescent current:	30 - 50µA @ 24VDC
Supply wiring:	Two wire supply, polarity insensitive
Alarm current:	52mA @ 24VDC
Supply voltage:	9VDC to 33VDC
Alarm LED current:	4mA
Operating Temperature:	-20 to 60°C
Terminal functions:	Includes Remote Indicator connection –R
Humidity:	0% to 95% (no condensation or icing)
IP Rating:	IP23D
Materials:	Flame Retardant Polycarbonate Housing, Nickel plated stainless steel terminals
Effect on Wind Speed:	None for optical, 10m/s max for Ionisation



MADE IN ENGLAND

Series 65E Heat detector
Part Numbers
55000-121IMC / 55000-136IMC
55000-126IMC / 55000-131IMC

SERIES 65E HEAT DETECTORS WITH FLASHING LED 55000-121IMC / 55000-136IMC 55000-126IMC / 55000-131IMC

The Series 65E Heat Detectors monitor temperature by using either a dual thermistor network or a single thermistor network (CS versions) which provides a voltage output proportional to the external air temperature.

Power-up surge current:	55µA @ 24VDC
Status Indicator:	Red in Alarm, Off in Fault condition
Quiescent current:	55µA @ 24VDC
Supply wiring:	Two wire supply, polarity insensitive
Alarm current:	52mA @ 24VDC
Supply voltage:	9VDC to 33VDC
Alarm LED current:	4mA
Operating Temperature:	-20°C to +90°C
Terminal functions:	Includes Remote Indicator connection –R
Humidity:	0% to 95% RH
IP Rating:	IP23D
Materials:	Flame Retardant Polycarbonate Housing, Nickel plated stainless steel terminals
Effect of Atmospheric pressure:	None
Maximum application temperature:	50°C (55000-121IMC), 80°C (55000-136IMC & 55000-131IMC) 65°C (55000-126IMC)
Maximum static response temperature:	65°C (55000-121IMC), 100°C (55000-136IMC & 55000-131IMC) 85°C (55000-126IMC)



MADE IN ENGLAND

Series 65E base
Part Number 45681-200IMC
Part Number 45681-245

CONTEXT PLUS SERIES 65E BASES 45681-200IMC / 45681-245

Series 65E bases have been designed to enable detectors to be plugged in without any need for force - particularly useful on suspended ceilings. All versions are lockable.

65E EN ORDER CODES

	Part Code
Series 65E Optical smoke detector, UL Listed with Flashing LED, Context Plus branded	55000-316IMC
Series 65E Ionisation smoke detector, UL Listed with Flashing LED, Context Plus branded	55000-216IMC
Series 65E A1R (54 to 65 °C) heat detector, UL Listed with Flashing LED, Context Plus branded	55000-121IMC
Series 65E BR (69 to 85°C) heat detector, UL Listed with Flashing LED, Context Plus branded	55000-126IMC
Series 65E CR (84 to 100°C) heat detector, UL Listed with Flashing LED, Context Plus branded	55000-131IMC
Series 65E CS (84 to 100°C) heat detector (no rate of rise), UL Listed with Flashing LED, Context Plus branded	55000-136IMC
Series S65A base, UL Listed, Context Plus branded	45681-200IMC
Standard Relay base for Series 65E	45681-245
RLI Remote LED Detector Indicator	BF318

Context[®] Plus

Other products in the Context Plus range



Addressable fire detection panels



Addressable smoke and heat detectors



HFC227ea
Conventional fire suppression systems



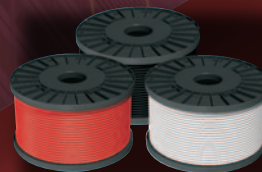
Addressable Signalling devices



Conventional wireless fire alarm systems



Stand-alone mains & battery operated smoke, heat & CO alarms



Fire resistant cables



EN54 compliant power supplies

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