

DATASHEET

KE-AS3105W-CM

Excellence Series intelligent addressable visual alarm w/ isolator

MAIN FEATURES

- Excellence Series intelligent addressable visual alarm w/ isolator
- ceiling mount

TECHNICAL SPECIFICATIONS

Power supply

Power supply type	Batteries, Loop powered
Operating voltage	17 to 29 VDC
Communication voltage	4 to 11 V pulsed
Current consumption	250 μ A (Quiescent) Refer to the installation sheet for alarm current values (setting dependent)
Loop current	5 mA (isolated)
Switch current	1.05 A (continuous) / 1.4 A (pulsed)
Leakage current	<1 mA
Isolation voltage	14 to 15.5 VDC
Reconnect voltage	14 to 15.5 VDC

Physical characteristics

Colour	Red
Physical dimensions	111 x 87 mm ($\varnothing$ x H)
Net weight	300 g
Mounting type	Base mount
Mounting position	Ceiling
Mounting height	Up to 3 m
Material	PC / ABS

Environmental characteristics

Operating temperature	-10 to +55°C
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TECHNICAL SPECIFICATIONS

Storage temperature	-25 to +75°C
Relative humidity	10 to 93% (noncondensing)
Environment	Indoor
IP rating	IP21C

Other characteristics

Compatibility	Kidde Commercial Excellence Systems
Addressing method	DIL switch
Monitoring	Activated, Battery level, Continuously self-checking, Fault, Open circuit, Short circuit
Batteries	3 x CR123 (optional)
Rating	C-3-6 (Low) / C-3-7.5 (Mid) / C-3-9 (High)
Floor coverage	< 63.6 m ² total< 40.5 m ² covering squares
Flash frequency	0.5 Hz (1 flash every 2 s)
Synchronization	Supported
Type	Negative line break
Series resistance	<0.08 Ω
Texture	Smooth
Compliance	CE, REACH, RoHS 3, WEEE
Certification	EN54-17, EN54-23
Category	Reference
Detection device	KE-ASA-AUXW