

PYRA X-MA

Flashing Light Sounders

Powerful flashing light with sounder

Choice of 5 or 10 Joule flash energy with a 100 dB(A) sounder in an attractive design.

Flexible mounting options

Integrated hole template adapts to many common electrical workboxes worldwide. Installs upright on enclosures, downward from ceiling, or vertically on walls.

Intelligent installation

Electrical wiring is conducted in the base box to avoid clumsy 3-hand assembly. Wires are safely routed where the potential for pinching and errors are eliminated.

Selectable output signals

On-board selection of 4 different light flash rates and 8 different acoustic alarm tones (tone table on page 108).

Captive fasteners

Installation and assembly is simplified and screws cannot get lost.

Independent signalling

Visual and acoustic signal outputs can be controlled separately.

EN 54-23 certified

Satisfies EU requirements for fire alarm safety.

Shape-moulded gasket

Stays in-place and cannot get lost.

Inrush current regulator

Provides electrical protection for control devices such as switching components and relays.

IP 66 enclosure rating

Suitable for use in all weather conditions due to the provided protection against driving rain, snow, ice, and dust. Withstands hose-directed spray during wash-down requirements.

Impact resistant housing and lens

Achieves IK08 impact rating to endure harsh environments.

Circuit loading stability

24 V AC/DC versions incorporate constant current regulators for stable and efficient system operation.

Further significant advantages

can be seen on a video on our website, please type the webcode #3133 into the search field.



FLASHING LIGHT SOUNDERS



protection system



impact-proof housing



operating temperature



24 V DC
48 V DC



24 V DC
48 V DC



warranty



PRODUCT	PY X-MA-05		PY X-MA-10		
ARTICLE NO.	● ●	21554103000	21554813000	21555103000	21555813000
ARTICLE NO.	● ●	21554104000	21554814000	21555104000	21555814000
ARTICLE NO.	● ●	21554105000	21554815000	21555105000	21555815000
ARTICLE NO.	● ●	21554103055	21554813055	21555103055	21555813055
ARTICLE NO.	● ●	21554104055	21554814055	21555104055	21555814055
ARTICLE NO.	● ●	21554105055	21554815055	21555105055	21555815055

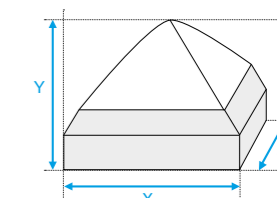
DATA	PY X-MA-05		PY X-MA-10	
Operating range	187–255 V	AC: 18–30 V DC: 10–57 V	187–255 V	10–57 V
	AC 50 60 Hz	AC 50 60 Hz / DC	AC 50 60 Hz	DC
Nominal current consumption	70–75 mA	AC: 310 mA DC: 280 mA @ 24 V	160–165 mA	540 mA @ 24 V
Sound pressure level	100 dB(A)			
Sound level reduction	max. –20 dB via potentiometer			
Flash energy and flash rate	5 J @ 0.1 0.5 0.75 1 Hz			
Light intensity (DIN 5037) ¹	56 cd		149 cd	
Max. viewing distance	173 m		283 m	
Operating temperature	–40 ... +55 °C			
Protection system according to EN 60529	IP 66			
Impact resistance as per EN 50102	IK08			
Service life of light source	light emission still 70 % after 8,000,000 flashes			
Material	lens	/ ● ● ● ● ● ● polycarbonate (PC)		
	housing	PC/ABS, RAL 3000 ● PC/ABS, RAL 7035 ●		
Dimensions (X x Y x Z)	166 x 134.2 x 114 mm			

¹ with a clear lens

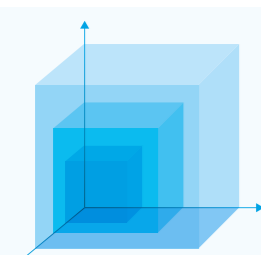


Models with alternative features available upon request

115 V AC.	Choice of lens colours: clear white yellow amber red green blue.	White enclosure.	Soft Start Module.
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3D-Coverage performance data, A x B x C



	PY X-MA-05		PY X-MA-10	
AUDIBLE	80 db(A)	8.7 x 4.8 x 8.7 m	80 db(A)	8.7 x 4.8 x 8.7 m
	85 db(A)	4.9 x 2.7 x 4.9 m	85 db(A)	4.9 x 2.7 x 4.9 m
	90 db(A)	2.8 x 1.5 x 2.8 m	90 db(A)	2.8 x 1.5 x 2.8 m
VISUAL	Indicate	56.7 x 28.8 x 61.2 m	Indicate	81 x 45 x 101.7 m
	Warn	25.2 x 12.8 x 27.2 m	Warn	36 x 20 x 45.2 m
	Alarm	12.6 x 6.4 x 13.6 m	Alarm	18 x 10 x 22.6 m

Coverage area with DIN tone and required sound levels of 80, 85 and 90 dB(A) and also to be used for the applications „Indicate“, „Warn“ and „Alarm“ (EN 54-23) with clear lens. To determine the exact signaling area for your needs, please use the online available Pfannenberg Sizing Software PSS.