PYRA FLASHING LIGHT 5 J
PY X-M-05



- Safe – an incorrect installation is virtually impossible.
- Easy – significantly shorter assembly and installation times.
- Economical – largest possible signaling range due to effective Xenon technology.
- Installation options with external lugs or internal holes.
- Choice of 4 different flash rates via DIP switch.
- Suitable for panel mounting.
- Electronic constant current regulation at 24 V AC/DC devices to avoid load fluctuations.
- Integrated inrush current limitation and undervoltage detection (option).
- Providing full synchronisation on multi-flashing light systems.

IP 66 – protection system
IK08 – impact-proof housing
+55 °C / –40 °C – operating temperature
EN 54-23 – SSM version
VdS – SSM version
10 Years – warranty

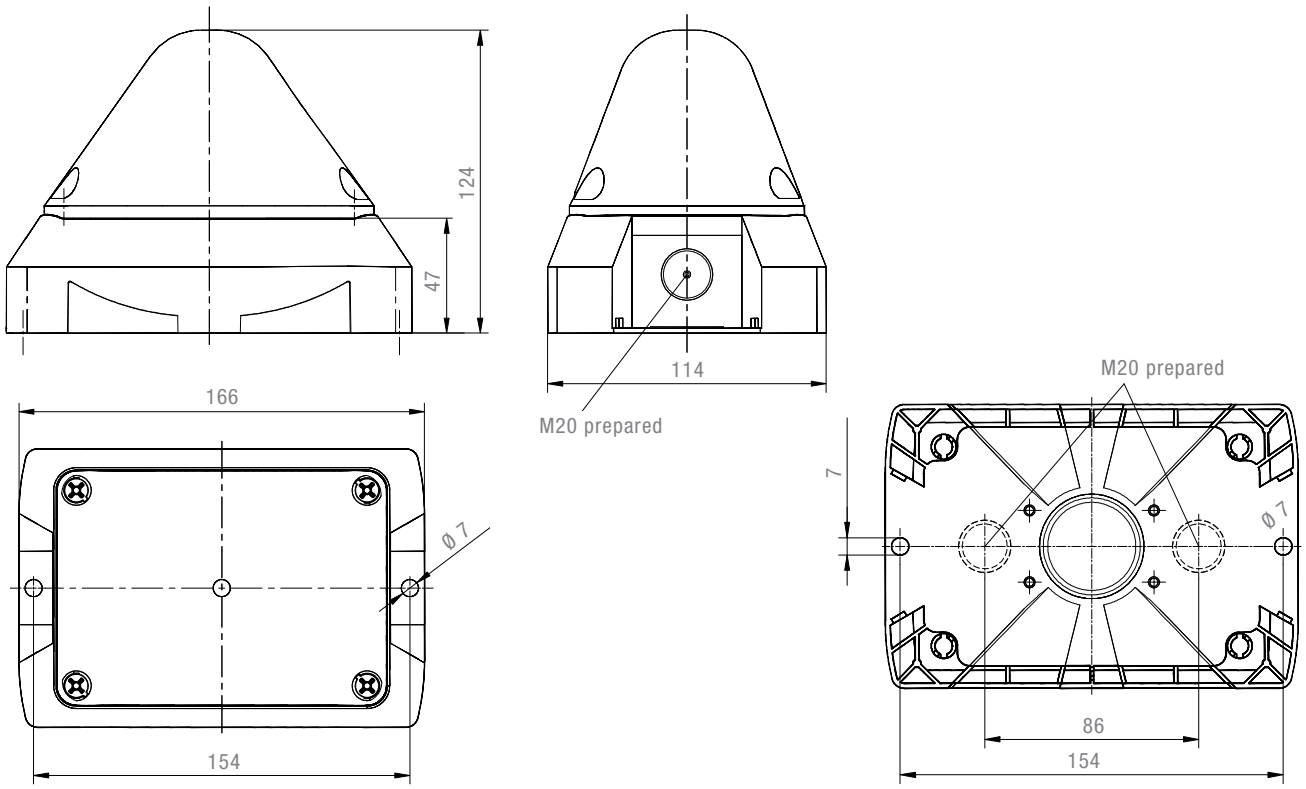
PRODUCT		PY X-M-05		
DATA				
Rated voltage		230 V AC 50 I 60 Hz	115 V AC 50 I 60 Hz	12 / 24 / 48 V DC / 24 V AC AC 50 I 60 Hz / DC
Operating range		187–255 V	90–135 V	AC: 18–30 V DC: 10–57 V
Nominal current consumption @ 1 Hz		60 mA	110 mA	AC: 600 mA DC: 280 mA @ 24 V
Flash rate		0.1 / 0.5 / 0.75 / 1 Hz (DIP switch)		
Flash energy		5 J		
Light intensity (DIN 5037) [1]		56 cd		
Max. viewing distance		173 m		
Operating temperature		–40 °C ... +55 °C		
Storage temperature		–40 °C ... +70 °C		
Relative humidity		max. 90 %		
Protection system (EN 60529)		IP 66		
Protection class		II		
Duty cycle		100 %		
Service life of the light source		light emission still 70 % after 8,000,000 flashes		
Material	lens	polycarbonate (PC)		
	housing	PC / ABS		
Housing colour		RAL3000 (flame red) / RAL 7035 (light grey) / RAL 9003 (signal white)		
Cable entry		2x M20 sideways, 2x M20 bottom side		
Integrated seal with cable entry		6–13 mm		
Connecting terminal		2.5 mm² fine wire, AWG 16		
Weight		400 g	400 g	420 g

[1] with a clear lens

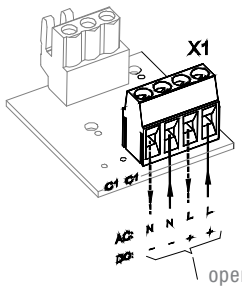
OPTIONS/ACCESSORIES

Surface gasket
Tamper-proof sealing
Panel mounting kit
I lim t

DIMENSIONS



CONNECTION DIAGRAM



EN 54-23

ARTICLE NO.		PY X-M-05			PY X-M-05 SSM
HOUSING COLOUR	LENS COLOUR	230 V AC	115 V AC	12/24/48 V DC/ 24 V AC	24 V DC
●	⁄	21550101000	21550151000	21550811000	21550801005
●	●	21550103000	21550153000	21550813000	–
●	●	21550105000	21550155000	21550815000	21550805005
●	⁄	21550101055	21550151055	21550811055	21550801061
●	●	21550103055	21550153055	21550813055	–
●	●	21550105055	21550155055	21550815055	21550805061

Article numbers for other colours and voltages on request.

CONFORMITY TO STANDARDS

The visual characteristics of flashing lights conform to the European standard DIN EN 842; **“Machine safety – visual alarm signals”.**
Requirements contained in the DIN EN 981 standard; **“Machine safety – system of acoustic and visual alarm and information signals”,** can be fulfilled.
The colours “red” for the emergency signal and “yellow” for the warning signal conform to the requirements of IEC 73 / DIN EN 60073 / VDE 0199; **“Coding of display devices and control elements using colours and supplementary means”.**
References to visual alarm devices can be found in the following standards:

EN 60825-1	Radiation safety of laser devices, identical to IEC 825 and DIN-VDE 0837
DIN EN 54	Fire alarm systems
DIN 54113-2	Radiation protection regulations for the technical operation of X-ray equipment up to 500 kV