PYRA COMPACT FLASHING LIGHT 5 J
PY X-S-05



The compact flashing light is not only adaptable to many applications, but it is also impressive due to its safe and simple mounting.

- Installation options with external lugs or internal holes.
- Simple electrical connection on the bottom of the casing.
- Impact-proof lens.
- Suitable for panel mounting.
- Housing colours: red, grey or white.
- Optional with Soft Start Module for reduction of starting current.
- Modular design: housing can be easily stacked side-by side.

IP 66	IK08	+55 °C / –40 °C	EN 54-23	VdS	10 Years	EAC	c UL us LISTED
protection system	impact-proof housing	operating temperature	24 V DC 48 V DC	24 V DC 48 V DC	warranty		

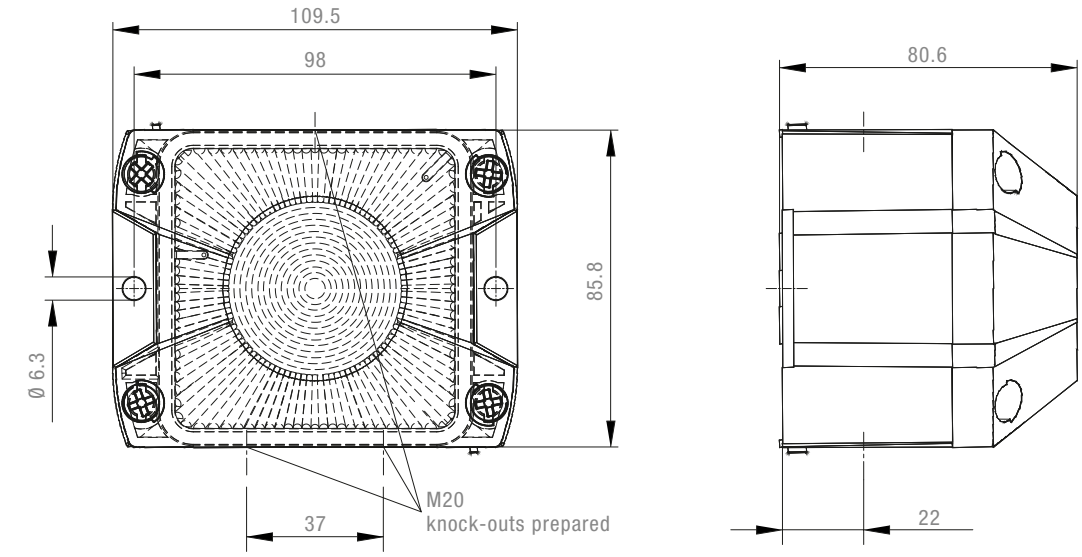
PRODUCT	PY X-S-05					
DATA						
Rated voltage	230 V	115 V	24 V	48 V	24 V	12 V
	AC 50 I 60 Hz	AC 50 I 60 Hz	AC 50 I 60 Hz	DC	DC	DC
Operating range	187–255 V	90–135 V	18–30 V	40–60 V	18–30 V	12–15 V
Nominal current consumption	55 mA	100 mA	800 mA	170 mA	300 mA	600 mA
Flash rate	1 Hz = 60 flashes/min					
Flash energy	5 J					
Light intensity (DIN 5037) [1]	50 cd					
Max. viewing distance	164 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)					
Material – housing	PC / ABS blend, similar to RAL 3000 (flame red) / RAL 7035 (light grey) / RAL 9003 (signal white)					
Cable entry	3x M20 knock-outs prepared (sideways), 1 knock-out hinten					
Integrated seal with cable entry	6–13 mm (feed-through grommet)					
Connecting terminal	2.5 mm² fine wire with cable end sleeves, AWG 16					
Weight	165 g			200 g		

[1] with a clear lens

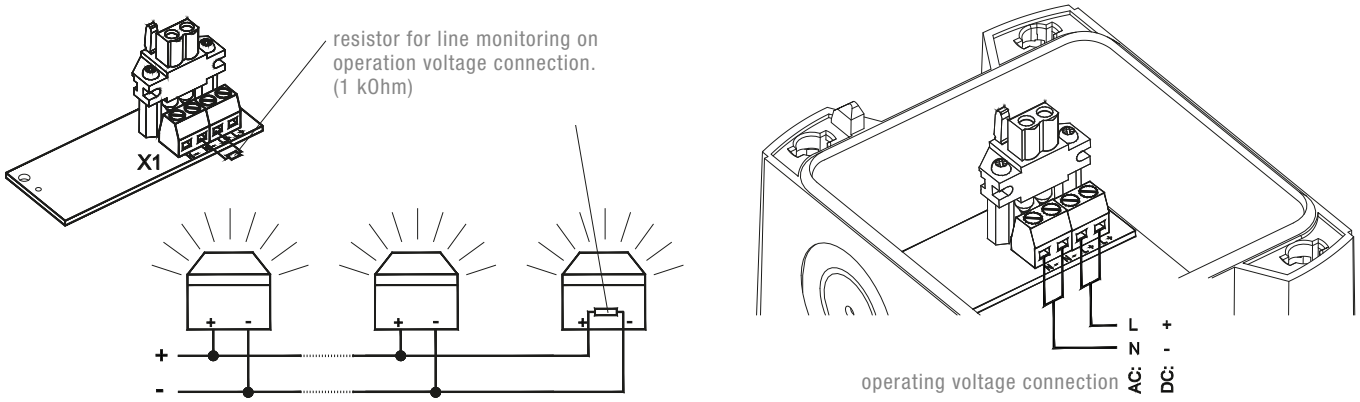
OPTIONS/ACCESSORIES

Enclosure fitting | Surface gasket | Tamper-proof sealing | Panel mounting kit | SSM (24 V DC)

DIMENSIONS



CONNECTION DIAGRAM



ARTICLE NO.		PY X-S-05		
HOUSING COLOUR	LENS COLOUR	230 V AC	115 V AC	24 V DC
red	clear			21510801000 [1]
red	yellow	21510103000	21510153000	21510803000
red	orange	21510104000	21510154000	21510804000
red	red	21510105000	21510155000	21510805000 [1]
grey	clear		21510151055	21510801055 [1]
grey	yellow	21510103055	21510153055	21510803055
grey	orange	21510104055	21510154055	21510804055
grey	red	21510105055	21510155055	21510805055 [1]

Article numbers for other colours and voltages on request.

[1] **Version with EN 54-23 approval**

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