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 — protection system
IK08 — impact-proof housing
+55 °C / –40 °C — operating temperature
EN 54-23 — 24 V DC 48 V DC
VdS — 24 V DC 48 V DC
10 Years — warranty
EAC
c UL us LISTED
M12 — connector (option)

PRODUCT		PY X-S-05					
DATA							
Rated voltage		230 V AC 50 I 60 Hz	115 V AC 50 I 60 Hz	24 V AC 50 I 60 Hz	48 V DC	24 V DC	12 V DC
Operating range		184–253 V	92–127 V	18–30 V	40–60 V	18–30 V	12–15 V
Nominal current consumption		90 mA	120 mA	800 mA	170 mA	360 mA	700 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)					
	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

DNV

Enclosure fitting

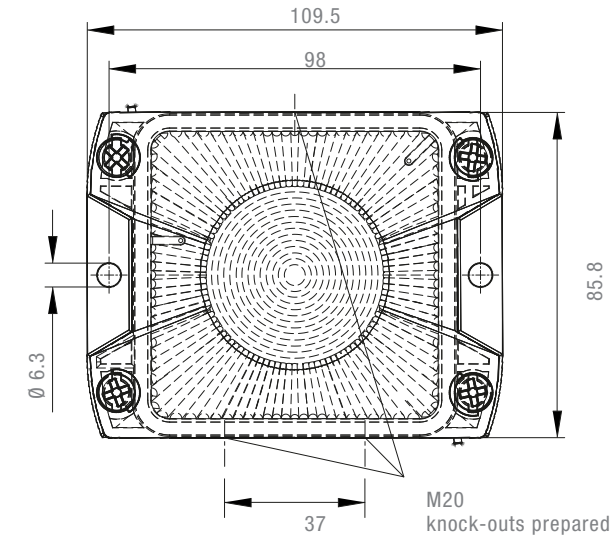
Surface gasket

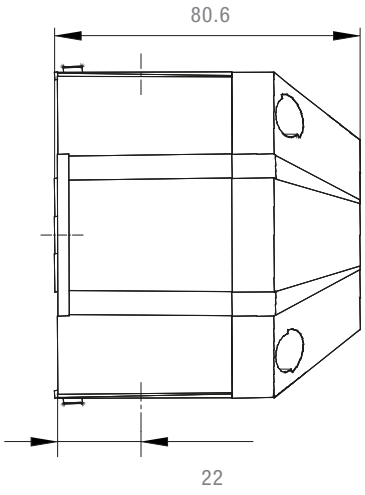
Tamper-proof sealing

Panel mounting kit

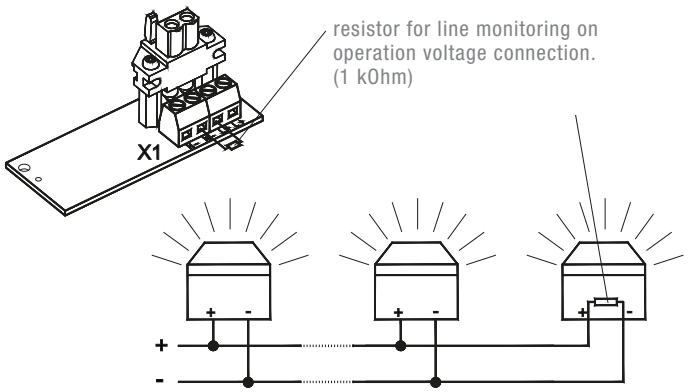
SSM (24 V DC)

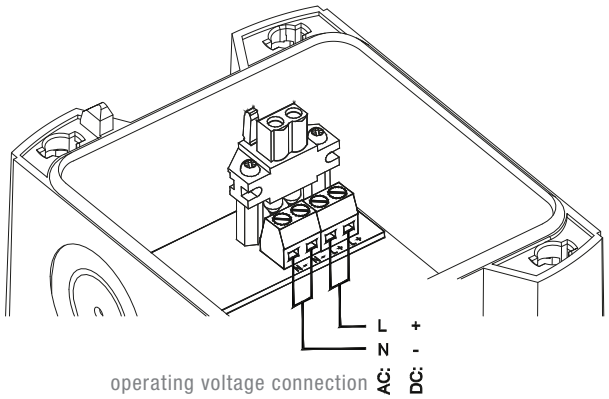
DIMENSIONS





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