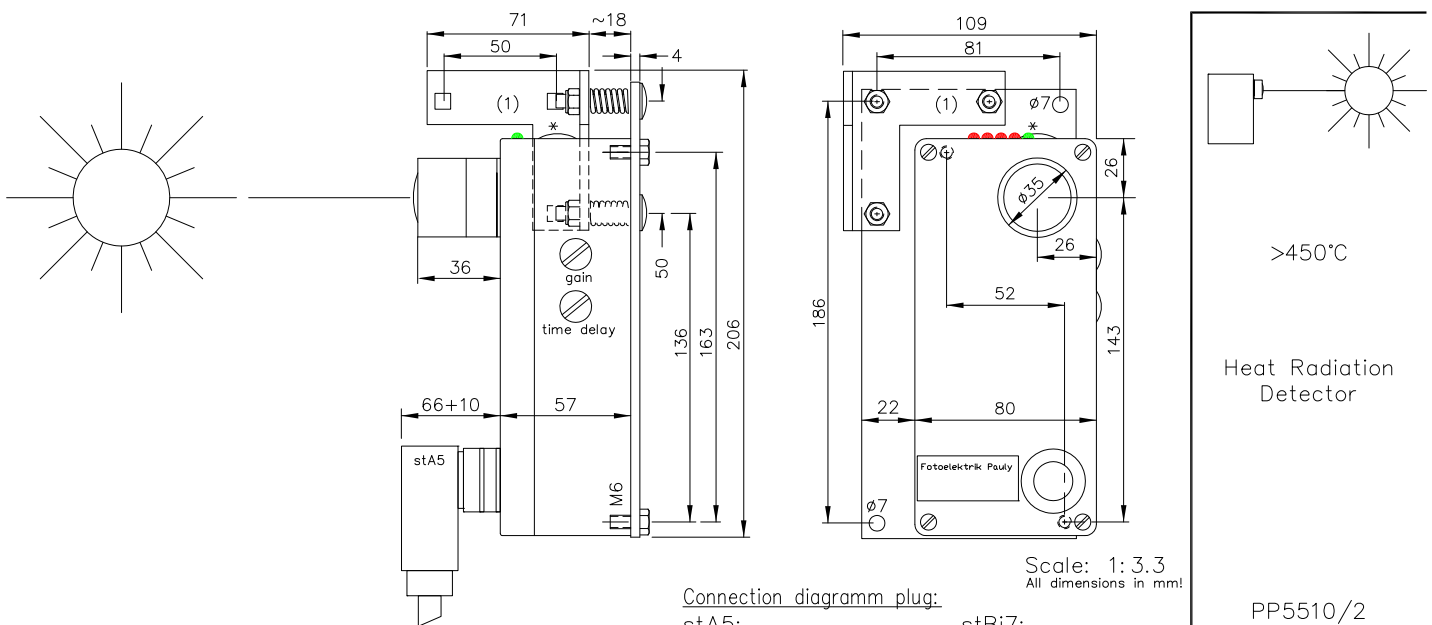


Heat Radiation Detector Type PP5510/2



Technical characteristics of minimum type:

Housing	Al-Cast
Weight	approx. 1500g
Protection mode	IP65
Connection	4+1 pin plug stA5 to terminal strip
Supply	230VAC/3VA
Output	Relay 250VAC, 10A 2500VA, 1xCh, R Optocoupler 60V/50mA max.
Signale mode	bright-/darkswitching, selectable
Operation mode	Radiation chopper
Access time	~70ms/switch transition
Switching rate	~8/sec
Switch indicator	LED, green
Level indicator	DIANA, 4x LED red
Time delay	0-10s, switch-on-off-delay, separately adjustable
Test transmitter	IR transmitter
Reception angle	Standard: ~3°, Tele.: ~0.6°
Operation temperature	-25...+60°C

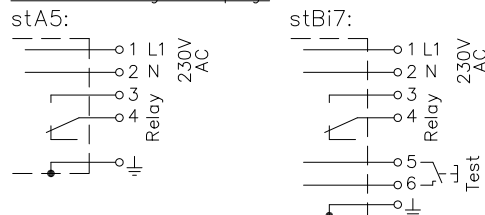
Accessories:

- Adjustment flange JF27Hq (1)
- Elbow tube adjustment AD27SS2
- Cooling water flange KW27
- Anti dust tube TUB46
- Special Filters
- Diaphragms

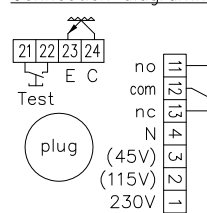
Note:

The stopping plugs signed by "*" allows to see the thermal sensor and the chopper disk for exact adjustment of the sensor by using the light beam method (see separate instructions).

Connection diagramm plug:



Connection diagramm terminal strips:



Special Design:

Connection	6+1 pin plug stBi7 4+1 pole no.-cable K5 Cable gland
Supply	115VAC or 45/115/230VAC with universal transformer
If using cooling water flange, then milled wall, y Teleobjective, t	

Detection area and min. detectable object size (t=650°C):

Distance/m	Detect. Area/mmØ		min. size of obj./cm ²	
	Standard-	Teleobj.	1 Standard-	2 Teleobj. 2
1	90	60	0,1 - 1,4	0,05 - 1
2	155	70	0,4 - 5,5	0,1 - 1,5
5	350	100	2,5 - 35	0,2 - 3
10	675	150	10 - 140	0,8 - 12
20	1325	250	40 - 600	3,5 - 50

1: highest gain setting, 2: lowest gain setting