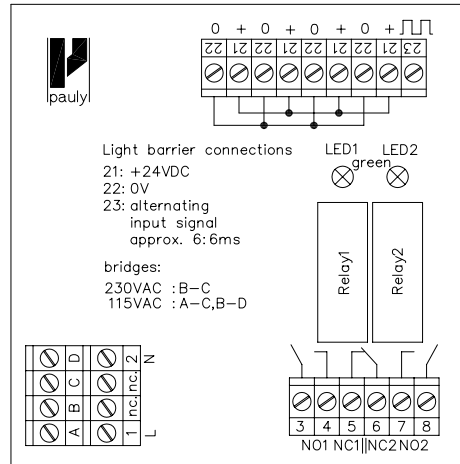
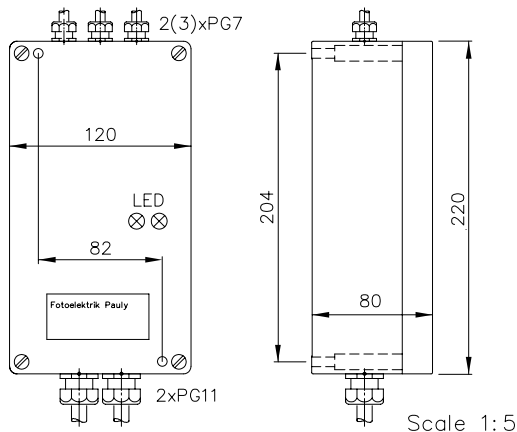


Self-Checking Control Unit Type PP2129/2ST

for cascadable light barriers



The relay contacts 3/4, 5/6 and 7/8 must be fused externally with maximum 6A. The parallel NC contact pair to 3/4 may only be used for signalling purposes.
The closing contacts 5/6 and 7/8 may only be used in series connection!
Exception: The instructions for the following safety switchgear.



Self-Checking Control Unit for cascadable light barriers

PP2129/2ST

Order no.:

5744

Technical Characteristics:

Housing	cast aluminium
Weight	approx. 2000 g
Protection mode	IP65
Connection	terminal blocks
Supply	230/115VAC/30VA max.
Output	2 relays, 250VAC/6A, 1300VA, monitored & forceguided
Switch indicators	2 green LED's in series to the relay coils
Control input	square wave, approx. 6:6ms/24V/1mA
Ambient temperature	-25...+60°C
DC output (terminals 21/22)	100mA (15 pairs PP2198)

Special versions:

Connection	6 + 1-pin plug stA7
Supply	24...48 VUC

Caution:

Make sure to fit a restart disabler at the machine end. The test input of the light barrier transmitter, e.g. PP2198SS, which turns off the transmitting diode, can be used for this.

Notes on use:

In connection with a light barrier of the type PP2198 the control unit works as a fully functioning self-checking light barrier. The anti-parallel installation of a PP2198, followed by any number of further PP2198F's makes it possible to produce a

reasonably-priced albeit rough-meshed light grill system, which can serve, for example, as access control.

Care must be taken here to ensure that the individual elements do not influence each other as this would trigger the safety function.