PAULY

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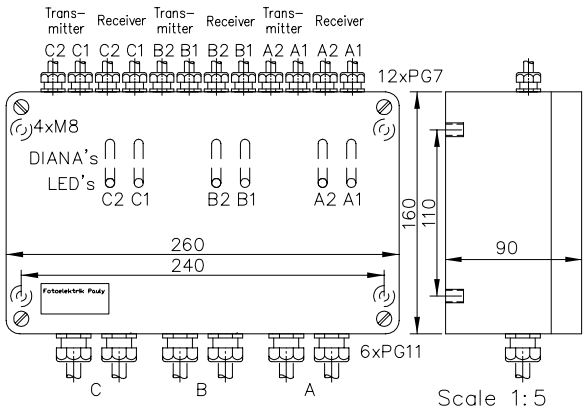
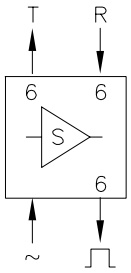
Control unit Type PP26XY0-2 for 6 optic heads (pairs)

X = 0; asynchronous; X = 1; synchronous; X = 2: multiplex Y = 0; without: Y = 1; with pre-amplifier

Digit position in Typification \ Valence of position	0	1	2	...	6
1 Type of device			control app. for ext. LB		
2 Number of light barriers and type of housing	1 R26	1 R27	2 R27	...	6 R57
3 Mode of Operation, X	asyn-chronous from 2 LBs	synchr. auch f. 1 LS	multiplex minimum 2 LB		
4 Performance, y	standard	high			
5 El. design of optics & permissible cable cable length shielded	without preamp 2 x 4m	like 5.0 with special output	driver stage* or preamp** 2x 40m		





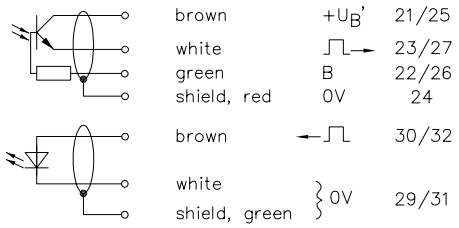
Light Barrier Control Unit

PP26000-2
PP26100-2
PP26200-2
PP26010-2
PP26110-2
PP26210-2

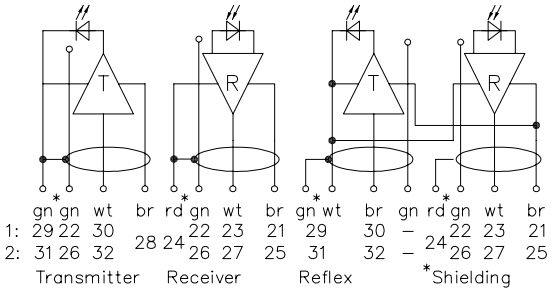
Order no.:

2061
2062
2063
2064
2065
2066

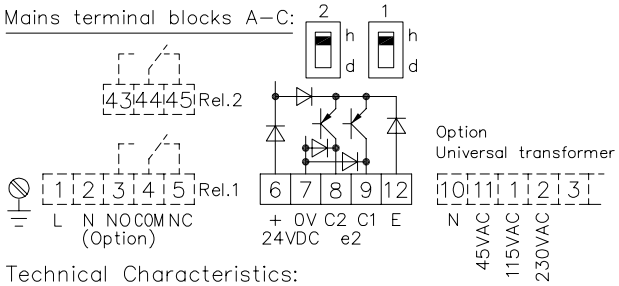
Terminal blocks A-C optical elements without v/vv:



Terminal Blocks A - C optical elements with v/vv:



Mains terminal blocks A-C:



Technical Characteristics:

Housing	Cast aluminium
Weight	approx. 3800 g
Protection mode	IP65
Connection	terminal block
Power supply	24V DC/200 mA, without load
Control output	pnp 60 mA, s.c.prot. e2
Signal mode	bright-/darkswitching selectable
Steady light resistance	>80kLx
Interference suppression	forced synchronisation
Access time	<12ms/switch transition
Switching rate	relay: 10/s; electron.: 40/s
Switch indicator	LED
Reserve capacity	Y=0: > 4,000 at 0m between T & R Y=1: >50,000 at 0m between T & R
Ambient temperature	-25...+60°C

Special versions:

Connection	
Transmitter	3 pin Plug stB3
Receiver	4 pin Plug stB4
Versorgung	24...80VDC 230VAC, 115VAC, 42...48VAC, 24VAC 230/115/45VAC with universal transformer
Control output	Relay 250VAC/8A, 150W, 1500VA, 1xCh., R npn 60 mA s.c.prot. e3 Optocoupler 60V/50 mA, e1
Access time	"q": <2ms/ switch transition
Switching rate	"q": 300/s, relay 10/ s
Time Delay	0...10s, switching-on-off-delay, separately adjustable, z10
Level indicator	DIANA, i DIANA distribution for optical elements i-i (only for optical elements with v/vv and optical element option ii)
Test function	Switching off by means of a potential-free contract

Accessories:

Optics without additional"v" or"vv"; jumper set!
Optics with additional"v" or"vv" (only Y = 0); jumper removed!

2061 DE
E_ 2061 1
(18.09.02 gs)
18.02.05 mj

Important:

Permitted cable length for optic heads max. 4 m (optic heads without v/vv), 40 m (optic heads with v/vv)!* As far as possible, do not lay transmitter cable parallel to receiver cable. * Close staggering of several light beams only allowed with multiplex systems (X=2). * Do not use relay contacts for PLC inputs.* If possible, use optic heads with appendix"v" or"vv" only.* If using transmitter optic heads with driver stage ("v"), it is essential to remove the jumpers which are on the top left beside the transmitter generators.