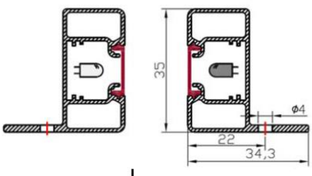
987U

红外线电梯光幕
Infra Red Elevator Door Detector



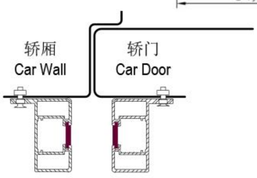
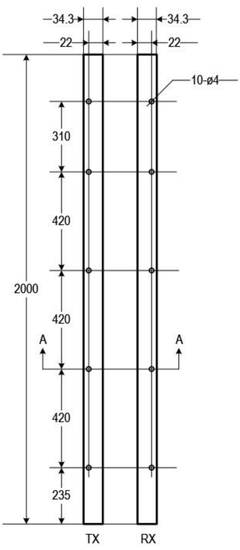


图2



U4-U9 安装孔位
U4-U9 Mounting holes

Model Definitions

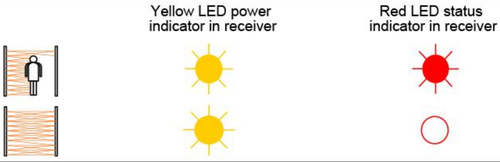
example: WECO-987 U 8 1 – AC220

Power and system output options:
AC220：185V~290VAC,50/60Hz power box，1NO/1NC relay output
AC110：AC110V±20%,50/60Hz power box，1NO/1NC relay output
DC24A：24VDC±10% power box，1NO/1NC relay output
DC24B：15~30VDC direct input，1NO NPN output
DC24C：15~30VDC direct input，1NC NPN output
DC24D：15~30VDC direct input，1NO PNP output
DC24E：15~30VDC direct input，1NC PNP output
DC24F：15~30VDC direct input，1NC relay output
DC24G：15~30VDC direct input，1NO relay output
DC24H：24VDC safety function power box
DC24S：15~30VDC direct input，intelligent light curtain

Connection Cable：
1：3.5mx2pcs,for standard central-opening lift doors
2：3.5mx2pcs,for side opening lift doors
3：2.5m、4.5mx1pcs,for new side opening lift doors
4: 5mx2pcs,for Two Panel central=opening lift doors

TX/RX Number：
6：17 Diode sets
4：20 Diode sets
7：32 Diode sets
5：36 Diode sets
8：40 Diode sets
9：48 Diode sets

WECO-987 *series*：WECO-987

Technical Parameters		987U		
Technical Features				
Number of Infra Red Diodes		20 Diode sets	36 Diode sets	40 Diode sets
Response Time	relay output	48ms	65ms	69ms
	transistor output	24ms	41ms	45ms
Scanning Beams		94~58 Beams	174~106 Beams	194~118 Beams
infrared diodes range		84mm	48mm	48mm
The mimimum door opening		⩽20mm		
The Maximum door opening		⩾1600mm		⩾1800mm
Redundancy (One transmitter shielded after 120s detected absent)		○		
Tolerance		Up/down：±15mm/ 7° Back/forth：±3mm/ 5°		
Detecting Range		0 ~ 4000mm		
Operating Temperature		-20°C ~ +65°C		
Reliability				
Light Immunity		Sunlight proof		
Protection Level		IP65		
Vibration		Vibration 20 to 500Hz 4hrs per X-Y-Z axis, sinusoidal vibration 30Hz rms 30mins per X-Y-Z axis		
Enviornment test (high&low temperature)		GB/T2423.1—GB/T2423.4		
EMC				
EN12015 EN12016		safety circuit level		
Function				
LED Interpretation				
malfunction output function （with malfunction output power box)		●		

The parameters are subject to change without notice

* Products with no less than 36sets diodes is compliant to EN81-20(2 in 1 light curtain excluded). 987 Series has fault signal output function.