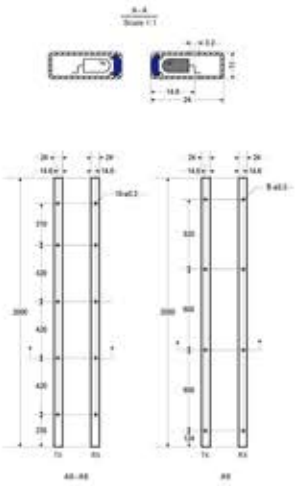
Light Curtain

# 917A 红外线电梯光幕 Infra Red Elevator Door Detector



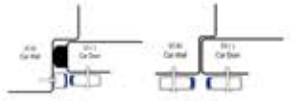
## 技术参数 Technical Features

| 项目 Items / 参数 Performance / 型号 Model No. | 917A6 | 917A7 | 957A6 | 957A7 | 957A8 | 957A9 |
|---|---|---|---|---|---|---|
| 响应时间 Response Time | 40ms/单独电源输出<br>21ms/单独电源输出<br>40ms/单独输出<br>21ms/单独输出 | 61ms/单独电源输出<br>37ms/单独电源输出<br>61ms/单独输出<br>37ms/单独输出 | 36.5ms/单独电源输出<br>12.5ms/单独电源输出<br>36.5ms/单独输出<br>12.5ms/单独输出 | 57.5ms/单独电源输出<br>33.5ms/单独电源输出<br>57.5ms/单独输出<br>33.5ms/单独输出 | 65.5ms/单独电源输出<br>41.5ms/单独电源输出<br>65.5ms/单独输出<br>41.5ms/单独输出 | 96.5ms/单独电源输出<br>72.5ms/单独电源输出<br>96.5ms/单独输出<br>72.5ms/单独输出 |
| 红外管数量 Number of Infra Red Diodes | 17对<br>17Diode sets | 33对<br>33Diode sets | 17对<br>17Diode sets | 33对<br>33Diode sets | 49对<br>49Diode sets | 49对<br>49Diode sets |
| 扫描光束 Scanning Beams | 94~33束<br>94~33Beams | 129~94束<br>129~94Beams | 94~33束<br>94~33Beams | 154~94束<br>154~94Beams | 194~118束<br>194~118Beams | 234~142束<br>234~142Beams |
| 探护高度 Detecting Height | 20 ~ 1840mm | | | | 20 ~ 1870mm | 20 ~ 1900mm |
| 光管间距 Infra Red Diodes Range | 117.5mm | 58.8mm | 117.5mm | 58.8mm | 47.5mm | 40.0mm |
| 冗余功能 Redundancy | 无<br>None | 同917A7<br>Same to 917A7 | 无<br>None | 有<br>None | 当另一个发射管在连续的120s被探测<br>One transmitter shielded after 120s detected absent | |
| 功耗 Power Consumption | ≤4W or ≤50mA@DC24V | | | | | |
| 使用环境温度 Operating Temperature | -20℃ ~+65℃ | | | | | |
| 位置允差 Tolerance | 上下方向：≤ 10mm/下 测试方向：≤ 3mm/米<br>Up/down：≤ 10mm/下 Back/forth：≤ 3mm/米 | | | | | |
| 抗光干扰能力 Light Immunity | ≤ 100000Lux | | 能在阳光直照环境下工作 Sunlight proof | | | |
| 电磁兼容性 EMC (EN 12015) (EN 12016) | 电快速脉冲 EFT | 2级B级 (≥ 1KV / Passed Level 2 both D) (≥ 1KV) | | 4级B级 (≥ 4KV / Passed Level 4 both D) (≥ 4KV) | | |
| | 雷击浪涌 Surge | D: (线对地 ≥ 2.0KV，线对线 ≥ 1KV) D: (≥ 2.5KV Line to ground, ≥ 1KV Line to line) | | | | |
| | 静电放电 ESD | A (空气放电 ≥ 15KV，直接放电 ≥ 8KV) A ( Air discharge ≥ 15KV, Direct discharge ≥ 8KV) | | | | |
| | 无线电频率 Radio-frequency | D (10V/m，150kHz ~ 80MHz，80%，1kHz Amp. Mod.，1%，3s) | | | | |
| | 无线电磁场 Radiated Immunity | D (10V/m，80MHz ~ 1.9GHz，80%) | | | | |
| 振动测试 Vibration | 5~7~22.5频率40次 幅度0.35 - 350Hz, 20m/s²正弦波振动测试40次 Vibration 20 to 350Hz 4ms per 5~7~Z axis, sinusoidal vibration 20Hz ms 20mins per 5~7~Z axis | | | | | |
| 工作距离 Detecting Range | 0 ~ 3m | | 0 ~ 3m | | | |
| 外壳防护等级 Protection Level | IP54 (发射器，接收器) IP31 (控制盒) IP54 (T3, R3), IP31 (Power box) | | | | | |
| 声音提醒 Voice Reminder | 当光束被连续遮挡 15s后蜂鸣器开始鸣响并每秒钟响1次，提醒被发现并予以。Buzzer is ON, after continuous detection for 15s, buzzer ON. | | | | | |
| 指示功能 LED Interpretation | 接收器绿色常亮指示灯 Green LED power indicator in receiver | 接收器红色常亮指示灯 Red LED status indicator in receiver | 控制盒绿色常亮指示灯 Green LED power indicator in power box | 控制盒红色常亮指示灯 Red LED status indicator in power box | | |

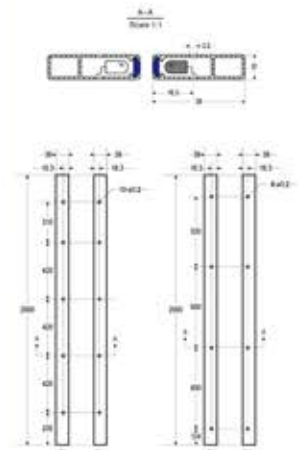
*参数如有变更，另行通知

## 标准规格 Model Definitions (917A61~AC220)

## 可选规格 Model Definitions



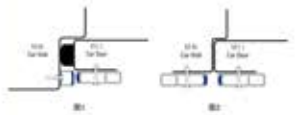
# 917B 红外线电梯光幕 Infra Red Elevator Door Detector



## 技术参数 Technical Features

| 项目 Items / 参数 Performance / 型号 Model No. | 917B6 | 917B7 | 957B6 | 957B7 | 957B8 | 957B9 |
|---|---|---|---|---|---|---|
| 响应时间 Response Time | 40ms/单独电源输出<br>21ms/单独电源输出<br>40ms/单独输出<br>21ms/单独输出 | 61ms/单独电源输出<br>37ms/单独电源输出<br>61ms/单独输出<br>37ms/单独输出 | 36.5ms/单独电源输出<br>12.5ms/单独电源输出<br>36.5ms/单独输出<br>12.5ms/单独输出 | 57.5ms/单独电源输出<br>33.5ms/单独电源输出<br>57.5ms/单独输出<br>33.5ms/单独输出 | 65.5ms/单独电源输出<br>41.5ms/单独电源输出<br>65.5ms/单独输出<br>41.5ms/单独输出 | 96.5ms/单独电源输出<br>72.5ms/单独电源输出<br>96.5ms/单独输出<br>72.5ms/单独输出 |
| 红外管数量 Number of Infra Red Diodes | 17对<br>17Diode sets | 33对<br>33Diode sets | 17对<br>17Diode sets | 33对<br>33Diode sets | 49对<br>49Diode sets | 49对<br>49Diode sets |
| 扫描光束 Scanning Beams | 94~33束<br>94~33Beams | 129~94束<br>129~94Beams | 94~33束<br>94~33Beams | 154~94束<br>154~94Beams | 194~118束<br>194~118Beams | 234~142束<br>234~142Beams |
| 探护高度 Detecting Height | 20 ~ 1840mm | | | | 20 ~ 1870mm | 20 ~ 1900mm |
| 光管间距 Infra Red Diodes Range | 117.5mm | 58.8mm | 117.5mm | 58.8mm | 47.5mm | 40.0mm |
| 冗余功能 Redundancy | 无<br>None | 同917B7<br>Same to 917B7 | 无<br>None | 有<br>None | 当另一个发射管在连续的120s被探测<br>One transmitter shielded after 120s detected absent | |
| 功耗 Power Consumption | ≤4W or ≤50mA@DC24V | | | | | |
| 使用环境温度 Operating Temperature | -20℃ ~+65℃ | | | | | |
| 位置允差 Tolerance | 上下方向：≤ 10mm/下 测试方向：≤ 3mm/米<br>Up/down：≤ 10mm/下 Back/forth：≤ 3mm/米 | | | | | |
| 抗光干扰能力 Light Immunity | ≤ 100000Lux | | 能在阳光直照环境下工作 Sunlight proof | | | |
| 电磁兼容性 EMC (EN 12015) (EN 12016) | 电快速脉冲 EFT | 2级B级 (≥ 1KV / Passed Level 2 both D) (≥ 1KV) | | 4级B级 (≥ 4KV / Passed Level 4 both D) (≥ 4KV) | | |
| | 雷击浪涌 Surge | D: (线对地 ≥ 2.0KV，线对线 ≥ 1KV) D: (≥ 2.5KV Line to ground, ≥ 1KV Line to line) | | | | |
| | 静电放电 ESD | A (空气放电 ≥ 15KV，直接放电 ≥ 8KV) A ( Air discharge ≥ 15KV, Direct discharge ≥ 8KV) | | | | |
| | 无线电频率 Radio-frequency | D (10V/m，150kHz ~ 80MHz，80%，1kHz Amp. Mod.，1%，3s) | | | | |
| | 无线电磁场 Radiated Immunity | D (10V/m，80MHz ~ 1.9GHz，80%) | | | | |
| 振动测试 Vibration | 5~7~22.5频率40次 幅度0.35 - 350Hz, 20m/s²正弦波振动测试40次 Vibration 20 to 350Hz 4ms per 5~7~Z axis, sinusoidal vibration 20Hz ms 20mins per 5~7~Z axis | | | | | |
| 工作距离 Detecting Range | 0 ~ 3m | | 0 ~ 3m | | | |
| 外壳防护等级 Protection Level | IP54 (发射器，接收器) IP31 (控制盒) IP54 (T3, R3), IP31 (Power box) | | | | | |
| 声音提醒 Voice Reminder | 当光束被连续遮挡 15s后蜂鸣器开始鸣响并每秒钟响1次，提醒被发现并予以。Buzzer is ON, after continuous detection for 15s, buzzer ON. | | | | | |
| 指示功能 LED Interpretation | 接收器绿色常亮指示灯 Green LED power indicator in receiver | 接收器红色常亮指示灯 Red LED status indicator in receiver | 控制盒绿色常亮指示灯 Green LED power indicator in power box | 控制盒红色常亮指示灯 Red LED status indicator in power box | | |

*参数如有变更，另行通知

## 标准规格 Model Definitions (917B71~AC220)

## 可选规格 Model Definitions