



CLASS I DIVISION 2  
AREA

NON-HAZARDOUS  
AREA

SIMPLIPOINT 180 MODEL CODE:  
RPWAI #S HR

LED SUB-ASSEMBLY P/N	OUTPUT VOLTAGE
RPWAI 5S HR	22.00 VDC (SEE NOTE 6)
RPWAI 6S HR	22.75 VDC (SEE NOTE 6)
RPWAI 7S HR	24.75 VDC (SEE NOTE 6)
RPWAI 8S HR	27.75 VDC (SEE NOTE 6)
RPWAI 9S HR	27.50 VDC (SEE NOTE 6)
RPWAI 10S HR	28.50 VDC (SEE NOTE 6)

SPECIFICATIONS  
POWER SUPPLY:

85 - 264 VAC @ 47-63 ( Um ), 1.5A MAX

APPROVALS:  
1.5A MAX

CLASS I, DIV 2, GROUPS A,B,C,D T4 Ta = 176°F (80°C),

ASSOCIATED EQUIPMENT [Exia]

AMBIENT TEMP.: -13°F/+25°C ≤ Ta ≤ 176°F/80°C

WIRE SIZE: MIN 20 AWG/ MAX 12 AWG (MIN 0.52mm<sup>2</sup>/ MAX 3.3mm<sup>2</sup>)

ELECTRICAL CONN.: ENCLOSURE SUPPLIED WITH .875" THRU HOLE FOR 1/2" CONDUIT CONNECTION.

ELECTRICAL RATING: Vmax = 30VDC, Imax = 2.5A

- NOTES:
- 1) ALL NATIONAL AND LOCAL CODES AND REGULATIONS MUST BE ADHERED TO WHEN INSTALLING THE ILLUMINATOR IN A HAZARDOUS ENVIRONMENT.
  - 2) THE MAXIMUM NONHAZARDOUS LOCATION VOLTAGE SHALL NOT EXCEED THE Um OF THE ASSOCIATED APPARATUS.
  - 3) NO SUBSTITUTION OF COMPONENTS. TO PREVENT IGNITION OF FLAMMABLE ATMOSPHERES, DISCONNECT POWER BEFORE SERVICING.
  - 4) WARNING: THE EQUIPMENT CONTAINS NON-METALLIC ENCLOSURE PARTS, TO PREVENT THE RISK OF ELECTROSTATIC SPARKING, THE NON-METALLIC SURFACE SHOULD ONLY BE CLEANED WITH A DAMP CLOTH.  
AVERTISSEMENT : L'EQUIPEMENT CONTIENT DES NON METALLIQUES BOITIER PARTIES, DE PREVENIR LET RISQUE D' TINSELLED ÉLECTROSTATIQUES. LA SURFACE NON METALLIQUE DOIT ÊTRE NETTOYÉE QU'AVEC UN CHIFFON HUMIDE.
  - 5) ALL WIRING IS A MINIMUM 20 AWG, WITH A MINIMUM RATING OF 600V, -40°C TO 105°C.
  - 6) OUTPUT VOLTAGE IS FACTORY SET. VOLTAGE OUTPUT ADJUSTMENT SCREW IS SEALED WITH SILICONE. IF SILICONE IS TAMPERED WITH WARRANTY IS VOID.
  - 7) # IN PART NUMBER DENOTES NUMBER OF PORTS (5-10).
  - 8) [#] DENOTES EIA COLOR CODE.
  - 9) POWER SUPPLY GROUND NEEDS TO BE CONNECTED TO A SAFETY EARTHING GROUND SYSTEM.
  - 10) AGENCY CONTROLLED DOCUMENT.

MANUFACTURED BY  
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**RELIANCE®**  
CONTROL AND INSTALLATION,  
SIMPLIPOINT 180, REMOTE  
CLASS I DIVISION 2

REV	DATE	NEW RELEASE	REVISION	SH
0	12/18/2018			BY

PART NUMBER: <b>CI 7408</b>
TOLERANCE CLASS (PER PES-004): <b>N/A</b>
MATERIAL: <b>N/A</b>
REVISION: <b>0 PER CDC-18-534 SH 12/18/2018</b>
DRAWN: <b>RAC</b>
CHECKED: <b>SRM</b>
DATE: <b>5/21/2019</b>
DRAWING NO.: <b>CI-7408</b>
REV.: <b>0</b>