

CPD15 Series Flameproof Enclosures



Features & specifications

Key features of the CPD15 enclosure series:

- Optimized range of application for IIB+H₂
- Extensive temperature range from -40°C to +55°C
- Fulfill IP66 according to IEC60079-0, IEC60079-1, IEC60079-31
- Corrosive resistant coating
- Larger entry area for individual solutions

Certifications and compliances:

- Ex db [ia IIC Ga / ib IIC Gb] IIB+H₂ T4, T5, T6 Gb
- Ex tb [ia IIIC Da / ib IIIC Db] IIIC T130°C, T95°C, T80°C Db IP66/65
- IECEx Certification No: IECEx CQM 16.0016X
- NEPSI Certification No: GYB16.1187X

Standard material:

- Body and cover – Copper-free Aluminum, ZL104 (<0.1%)
- Gasket – Silicone
- Cover bolts and hinges – Steel
- Coating –RAL7016 for cover, RAL7032 for body

Cover devices:

- Signal Lamps
- Pushbuttons
- Rotary Switches
- Circuit Breaker Handles
- Round Window, Ø 80 mm



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CPD15 features and benefits

1) Earthing continuity

- Standard steel hinges are designed to link cover and body and ensure earth continuity between them
- External earth stud can be added as an option

2) Coating

- Thermoset polyester coating can endure 200hrs saline mist

3) Standard internal mounting plate

4) Removable mounting tags

- Allow easy field-replacement in case mounting feet are damaged or broken

5) Standard silicone gasket

- Comes standard in all sizes
- Provide IP66 protection for enclosure



Ordering information

CPD15 100XX YY

Configuration

- 03 = IIB + H₂, IP65 (with window)
- 07 = IIB + H₂, IP66

Size

- 02 - 474 x 426 x 291
- 03 - 577 x 426 x 291
- 04 - 680 x 529 x 291

Product series

Enclosure dimensions

Material number	Overall dimensions			Inside dimensions			Control area	
	A	B	C	a	b	h	X	Y
CPD 15 10002 YY	474	426	291	405	303	249	349	240
CPD 15 10003 YY	577	426	291	509	303	249	446	240
CPD 15 10004 YY	680	529	291	612	406	245	549	343

Drawing details

