



Technical Specifications
Internally protected Cabinets



Physical

| | |
|--------------------------|--------------|
| Rack Configuration | Single |
| Rack Height | 20U – 47U |
| Wall Box Height | 9U – 18U |
| Width (rack) | 600mm/800mm |
| Width (Extension Closet) | N/A |
| Rack Depth (mm) | 600/800/1000 |
| Rack Weight Capacity | 600kg |

Material

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|----------------------------|----------------------------------|
| Doors and Housing | 2.0mm Mild Steel |
| Weather Resistant versions | 3CR12 or Full SS on request |
| Anti-Rust | Zinc Phosphate |
| Paint | Powder Coated |
| Colour (Standard) | Matt Black Texture or Goose Grey |

Conformance

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|----------|---|
| Warranty | 1 Year |
| Standard | ISO 9001:2000, IEC 297 1975, BS 5954:1980 |

Security

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|----------------------------------|----------------------|
| Door Lock Front- Cabinets | Swinghandle |
| Door locks – Wall Boxes | Wing Knob Cam Locks |
| (Keyed alike/separately/Pairs) – | Master Key Available |

Door Configurations

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|--|-------------------------------|
| | Glass |
| | Solid Steel |
| | Mounted Fans – IP54 Rear Door |

Compatible Accessories

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|---|
| Quick Release Blank Plates 1U – 6U |
| Canopies |
| Rack Mount Brush Panel |
| 50, 100, 203, 304mm Cable Trays |
| Power Distribution Units |
| A&B Feed DIN Rails |
| KVM – 8 Port/16 Port, Analogue/Digital/IP |

IP Available Options

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| IP54 | Comes standard with filters on the air intake fans for dust protection and is splash proof from any angle. |
| IP65 | Dust tight and water jet proof |

NB: An enclosure cannot be manufactured to IP65 Specs if cooling is required as fans are neither dust nor water jet proof.

PROTECTION RATING DEFINITIONS

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|------------------------|---|
| Code letters IP | Protections against accidental contact and ingress of solid foreign bodies of water |
| 1 st Number | Degree of protection against accidental contact and ingress of solid foreign bodies |
| 2 nd Number | Degree of protection against ingress of water |

1st Number:

| | | |
|---|--|---|
| 0 | Non-protected | No special protection |
| 1 | Protected against solid objects greater than 50mm | A large surface of the body, such as a hand (but no protection against deliberate access). Solid objects exceeding 50mm in diameter. |
| 2 | Protected against solid objects greater than 12mm | Fingers or similar objects not exceeding 80mm in length. Solid objects exceeding 12mm in diameter. |
| 3 | Protected against solid objects greater than 2.5mm | Tools, wires, etc. of diameter or thickness greater than 2.5mm. Solid objects exceeding 2.5mm in diameter. |
| 4 | Protected against solid objects greater than 1.0mm | Wires or strips of thickness greater than 1.0mm. Solid objects exceeding 1.0mm in diameter. |
| 5 | Dust-protected | Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment |
| 6 | Dust-tight | No ingress of dust. |

2nd Number:

| | | |
|---|--|---|
| 0 | Non-protected | No special protection |
| 1 | Protected against dripping water | Dripping water (Vertically falling drops) shall have no harmful effects. |
| 2 | Protected against dripping water when tilted up to 15° | Vertically dripping water shall have no harmful effect when the enclosure is tilted up to 15° from its normal position. |
| 3 | Protected against spraying water | Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect. |
| 4 | Protected against splashing water | Water splashed against the enclosure from any direction will have no harmful effect. |
| 5 | Protected against water jets | Water projected by a nozzle against the enclosure shall have no harmful effect. |
| 6 | Protected against heavy seas | Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities. |
| 7 | Protected against the effects of immersion | Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions or pressure and time. |
| 8 | Protected against submersion | The equipment is suitable for continuous submersion in water under conditions, which shall be specified by the manufacturer. |