PRODUCT BROCHURE

HMI Enclosures

IP Enclosures ®

FRONT PANEL | REAR DOOR | IP66

The HMI Enclosure range is an aesthetic and ergonomic control panel system. The simplified flat front panel is designed to mount operator interfaces. Access is via a lockable rear door incorporating a device mounting plate. HMI Enclosures are designed for use with IP Enclosures Support Arm Systems. *(Touch Panel not included)*

Features & Specifications

The IP Enclosures range of IP66 HMI Enclosures are an aesthetic and ergonomic control panel system. The simplified flat front panel is designed to mount operator interfaces. Access is via a lockable rear door. HMI Enclosures are designed for use with IP Enclosures Support Arm Systems.

Protection: IP66

Standard: AS/EN/IEC60529, RoHS CE UKCA

Material:
- Enclosure Body: 2.0mm galvanised steel sheet
- Enclosure Door: Galvanised steel sheet
- Enclosure Front Panel: Galvanised steel sheet
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm galvanised steel sheet. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality. Flat face sealing surfaces are provided to increase seal life. M6 earth studs and equipment mounting studs are provided.

Door: The robust surface mounted door is fabricated using galvanised steel sheet and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. The door contains an integral device mounting plate and a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Front Panel: The front panel is fabricated using galvanised steel sheet. It is removable via internal fasteners to cut or machine holes to mount HMI's and operator devices. Sealing is achieved via a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Seals: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).
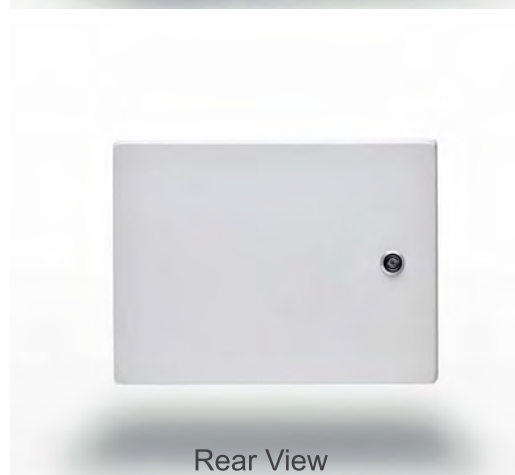
Lock: Chrome 5mm double bit insert quarter turn lock with key.

Surface Treatment: UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. (RAL7035 Standard)

Front View

Rear View

Steel

Part Number	Size	SKU Suffix
SKU	H x W x D (mm)	Optional Colour
IP-HMI303015	300 H x 300 W x 150 D	-BLK -OR -RED
IP-HMI304015	300 H x 400 W x 150 D	-BLK -OR -RED
IP-HMI304025	300 H x 400 W x 250 D	-BLK -OR -RED
IP-HMI354515	350 H x 450 W x 150 D	-BLK -OR -RED
IP-HMI354525	350 H x 450 W x 250 D	-BLK -OR -RED
IP-HMI406015	400 H x 600 W x 150 D	-BLK -OR -RED
IP-HMI406025	400 H x 600 W x 250 D	-BLK -OR -RED

HMI Enclosures

304 Stainless Steel

SSHMI

FRONT PANEL | REAR DOOR | IP66

The stainless steel HMI Enclosure range is an aesthetic and ergonomic control panel system. The simplified flat front panel is designed to mount operator interfaces. Access is via a lockable rear door incorporating a device mounting plate.
(Touch Panel not included)

Features & Specifications

The IP Enclosures range of IP66 stainless steel HMI Enclosures are an aesthetic and ergonomic control panel system. The simplified flat front panel is designed to mount operator interfaces. Access is via a lockable rear door. HMI Enclosures are designed for use with IP Enclosures Support Arm Systems.

Protection: IP66

Standard: AS/EN/IEC60529, RoHS CE UKCA

Material:
- Enclosure Body: Grade 304/304L Stainless Steel
- Enclosure Door: Grade 304/304L Stainless Steel
- Enclosure Front Panel: Grade 304/304L Stainless Steel
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.0mm grade 304 stainless steel. Cutting, pressing and full continuous seam welding using precision automated manufacturing equipment ensures accuracy and consistent high quality. Flat face sealing surfaces are provided to increase seal life. M6 earth studs and equipment mounting studs are provided.

Door: The robust surface mounted door is fabricated using grade 304 stainless steel and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. The door contains an integral device mounting plate and a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Front Panel: The front panel is fabricated using grade 304 stainless steel. It is removable via internal fasteners to cut or machine holes to mount HMI's and operator devices. Sealing is achieved via a high quality machine-applied foamed in place (FIP) Polyurethane seal.

Seals: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Lock: Grade 316 stainless steel 8mm square bit insert quarter turn lock with key.

Part Number	Size
SKU	**H x W x D (mm)**
IP-304-HMI303015	300 H x 300 W x 150 D
IP-304-HMI304015	300 H x 400 W x 150 D
IP-304-HMI304025	300 H x 400 W x 250 D
IP-304-HMI354515	350 H x 450 W x 150 D
IP-304-HMI354525	350 H x 450 W x 250 D
IP-304-HMI406015	400 H x 600 W x 150 D
IP-304-HMI406025	400 H x 600 W x 250 D

![IP Enclosures logo]

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