



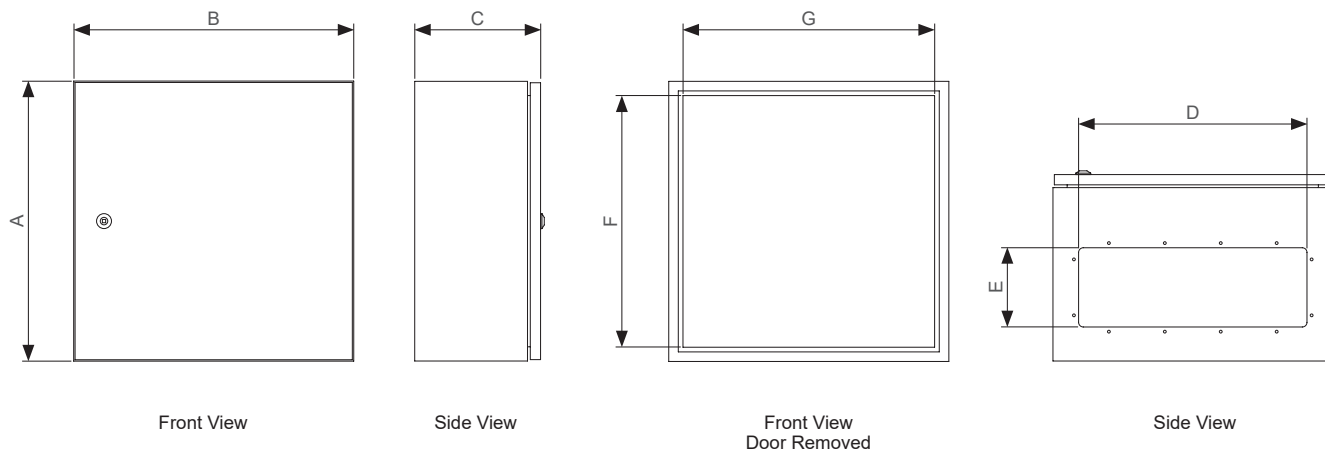
- Suitable for small motor control applications, lighting, CT metering and smaller switchboard applications.
- Premium enclosure and switchboard building system designed to be the ultimate in flexibility.
- Conformity, Approvals:
Lloyds Register #06/10007 (E2)
- Region D wind rated to AS1170.2-2002: Structural design actions
- Wind actions
- Manufactured from 1.6mm zinc coated steel.
- Powdercoated Pebble Grey RAL7032 or X15 Orange.

Comes standard with:

- 'C' rail mountings (4 rails on heights up to 1000mm and 8 rails on 1200mm and above)
- Gland plate (fitted internally or externally)
- Chromed steel lock with 7mm square steel insert (IP020) on units below 1600mm high and lockable L handles (IP050) on others
- 3-point locking on units of 600mm high and above
- Removable back on units 400mm deep and deeper
- Door rails and earth strap kit



TECHNICAL DRAWINGS



ACCESSORIES QUICK SELECTION

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Monarch IP – Zinc Coated Steel

Industrial Enclosures and Switchboard Building Systems

ORDERING GUIDE

| | | Dimensions (mm) | | | | | | | Material Thickness (mm) | Weight (kg) |
|----------------------|-------------------------|-----------------|--------------|---------------|--------------|--------------|---------------|--------------|----------------------------|-------------|
| Part Number | Part Number | External | | Gland Opening | | Opening | | | | |
| | | Height (A) | Width (B) | Depth (C) | Width (D) | Depth (E) | Height (F) | Width (G) | | |
| IP13132 | IP13132/RO [▲] | 400 | 400 | 270 | 250 | 120 | 340 | 340 | 1.2 | 13.0 |
| IP21132 | IP21132/RO [▲] | 600 | 400 | 270 | 250 | 120 | 540 | 340 | 1.2 | 17.0 |
| IP13212 | IP13212/RO [▲] | 400 | 600 | 270 | 440 | 120 | 340 | 540 | 1.6 | 17.0 |
| IP21212 | IP21212/RO [▲] | 600 | 600 | 270 | 440 | 120 | 540 | 540 | 1.6 | 22.0 |
| IP29212 | IP29212/RO [▲] | 800 | 600 | 270 | 440 | 120 | 740 | 540 | 1.6 | 28.0 |
| IP37212 | IP37212/RO [▲] | 1000 | 600 | 270 | 440 | 120 | 940 | 540 | 1.6 | 33.0 |
| IP45212 | IP45212/RO [▲] | 1200 | 600 | 270 | 440 | 120 | 1140 | 540 | 1.6 | 38.0 |
| IP21292 | IP21292/RO [▲] | 600 | 800 | 270 | 440 | 120 | 540 | 740 | 1.6 | 28.0 |
| IP13214 | IP13214/RO [▲] | 400 | 600 | 400 | 490 | 170 | 340 | 540 | 1.6 | 21.0 |
| IP21214 | IP21214/RO [▲] | 600 | 600 | 400 | 490 | 170 | 540 | 540 | 1.6 | 27.0 |
| IP29214 | IP29214/RO [▲] | 800 | 600 | 400 | 490 | 170 | 740 | 540 | 1.6 | 28.0 |
| IP45214 | IP45214/RO [▲] | 1200 | 600 | 400 | 490 | 170 | 1140 | 540 | 1.6 | 45.0 |
| IP61214 | IP61214/RO [▲] | 1600 | 600 | 400 | 490 | 170 | 1540 | 540 | 1.6 | 57.0 |
| IP69214 | IP69214/RO [▲] | 1800 | 600 | 400 | 490 | 170 | 1740 | 540 | 1.6 | 63.0 |
| IP77214 | IP77214/RO [▲] | 2000 | 600 | 400 | 490 | 170 | 1940 | 540 | 1.6 | 69.0 |
| IP25254 | IP25254/RO [▲] | 700 | 700 | 400 | 490 | 170 | 640 | 640 | 1.6 | 33.0 |
| IP37254 | IP37254/RO [▲] | 1000 | 700 | 400 | 490 | 170 | 940 | 640 | 1.6 | 43.0 |
| IP21294 | IP21294/RO [▲] | 600 | 800 | 400 | 490 | 170 | 540 | 740 | 1.6 | 33.0 |
| IP29294 | IP29294/RO [▲] | 800 | 800 | 400 | 490 | 170 | 740 | 740 | 1.6 | 40.0 |
| IP37294 [▲] | IP37294/RO [▲] | 1000 | 800 | 400 | 490 | 170 | 940 | 740 | 1.6 | 47.0 |
| IP45294 | IP45294/RO [▲] | 1200 | 800 | 400 | 490 | 170 | 1140 | 740 | 1.6 | 54.0 |
| IP61294 | IP61294/RO [▲] | 1600 | 800 | 400 | 490 | 170 | 1540 | 740 | 1.6 | 69.0 |
| IP69294 | IP69294/RO [▲] | 1800 | 800 | 400 | 490 | 170 | 1740 | 740 | 1.6 | 76.0 |
| IP77294 | IP77294/RO [▲] | 2000 | 800 | 400 | 490 | 170 | 1940 | 740 | 1.6 | 83.0 |
| IP77135 [▲] | IP77135/RO [▲] | 2000 | 400 | 500 | 250 | 170 | 1740 | 340 | 1.6 | 48.0 |
| IP29215 | IP29215/RO [▲] | 800 | 600 | 500 | 490 | 170 | 740 | 540 | 1.6 | 37.0 |
| IP45215 | IP45215/RO [▲] | 1200 | 600 | 500 | 490 | 170 | 1140 | 540 | 1.6 | 50.0 |
| IP61215 [▲] | IP61215/RO [▲] | 1600 | 600 | 500 | 490 | 170 | 1540 | 540 | 1.6 | 64.0 |
| IP69215 | IP69215/RO [▲] | 1800 | 600 | 500 | 490 | 170 | 1740 | 540 | 1.6 | 70.0 |
| IP77215 | IP77215/RO [▲] | 2000 | 600 | 500 | 490 | 170 | 1940 | 540 | 1.6 | 77.0 |
| IP21295 | IP21295/RO [▲] | 600 | 800 | 500 | 490 | 170 | 540 | 740 | 1.6 | 37.0 |
| IP45295 | IP45295/RO [▲] | 1200 | 800 | 500 | 490 | 170 | 1140 | 740 | 1.6 | 60.0 |
| IP61295 | IP61295/RO [▲] | 1600 | 800 | 500 | 490 | 170 | 1540 | 740 | 1.6 | 76.0 |
| IP69295 | IP69295/RO [▲] | 1800 | 800 | 500 | 490 | 170 | 1740 | 740 | 1.6 | 83.0 |
| IP77295 | IP77295/RO [▲] | 2000 | 800 | 500 | 490 | 170 | 1940 | 740 | 1.6 | 91.0 |
| IP77136 | IP77136/RO [▲] | 2000 | 400 | 600 | 440 | 120 | 1740 | 340 | 1.6 | 54.0 |
| IP29216 | IP29216/RO [▲] | 800 | 600 | 600 | 490 | 170 | 740 | 540 | 1.6 | 42.0 |
| IP45216 | IP45216/RO [▲] | 1200 | 600 | 600 | 490 | 170 | 1140 | 540 | 1.6 | 56.0 |
| IP61216 [▲] | IP61216/RO [▲] | 1600 | 600 | 600 | 490 | 170 | 1540 | 540 | 1.6 | 70.0 |
| IP77216 | IP77216/RO [▲] | 2000 | 600 | 600 | 490 | 170 | 1940 | 540 | 1.6 | 84.0 |
| IP77296 | IP77296/RO [▲] | 2000 | 800 | 600 | 490 | 170 | 1940 | 740 | 1.6 | 99.0 |
| IP77218 [▲] | IP77218/RO [▲] | 2000 | 600 | 800 | 490 | 170 | 1940 | 540 | 1.6 | 99.0 |
| IP77298 | IP77298/RO [▲] | 2000 | 800 | 800 | 490 | 170 | 1940 | 740 | 1.6 | 109.0 |

[▲] Available on request

Monarch IP

Accessories to suit all Monarch IP enclosures



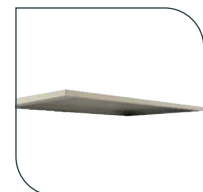
Rainhoods

Rainhoods are designed to shed water from the top of the enclosure to prevent it from pooling on top of the enclosure. The rainhoods have an overhang of 14mm.

| Part Number | Material | Dimensions (mm) | | | Slope Angle (Degrees) | To suit enclosures (mm) | |
|------------------------|-------------------|---------------------|-------|-------|-----------------------|-------------------------|-------|
| | | Height | Width | Depth | | Width | Depth |
| IPRH132 [▲] | Zinc coated steel | 30 | 400 | 284 | 2.0 | 400 | 270 |
| IPRH212 | | 30 | 600 | 284 | 2.0 | 600 | 270 |
| IPRH214 | | 30 | 600 | 414 | 1.5 | 600 | 400 |
| IPRH215 [▲] | | 30 | 600 | 514 | 1.0 | 600 | 500 |
| IPRH216 [▲] | | 30 | 600 | 614 | 1.0 | 600 | 600 |
| IPRH254 | | 30 | 700 | 414 | 1.5 | 700 | 400 |
| IPRH292 [▲] | | 30 | 800 | 284 | 2.0 | 800 | 270 |
| IPRH294 | | 30 | 800 | 414 | 1.5 | 800 | 400 |
| IPRH295 | | 30 | 800 | 514 | 1.0 | 800 | 500 |
| IPRH296 [▲] | | 30 | 800 | 614 | 1.0 | 800 | 600 |
| IPRH051/S [▲] | | 316 stainless steel | 30 | 200 | 189 | 3.0 | 200 |
| IPRH091/S [▲] | 30 | | 300 | 189 | 3.0 | 300 | 175 |
| IPRH132/S | 30 | | 400 | 284 | 2.0 | 400 | 270 |
| IPRH211/S [▲] | 30 | | 600 | 189 | 3.0 | 600 | 175 |
| IPRH212/S | 30 | | 600 | 284 | 2.0 | 600 | 270 |
| IPRH214/S | 30 | | 600 | 414 | 1.5 | 600 | 400 |
| IPRH215/S [▲] | 30 | | 600 | 514 | 1.0 | 600 | 500 |
| IPRH216/S | 30 | | 600 | 614 | 1.0 | 600 | 600 |
| IPRH254/S [▲] | 30 | | 700 | 414 | 1.5 | 700 | 400 |
| IPRH292/S [▲] | 30 | | 800 | 284 | 2.0 | 800 | 270 |
| IPRH294/S | 30 | | 800 | 414 | 1.5 | 800 | 400 |
| IPRH295/S | 30 | 800 | 514 | 1.0 | 800 | 500 | |
| IPRH296/S [▲] | 30 | 800 | 614 | 1.0 | 800 | 600 | |



Zinc coated steel rainhood on cabinet



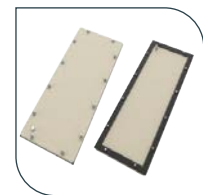
Zinc coated steel rainhood

[▲] Available on request

Gland Plates

Designed for efficient and flexible fitting and installation of cable glands.

| Part Number | Material | Dimensions (mm) | | | To suit enclosure (mm) | |
|---------------------|---------------------|-----------------|-------|-----------|------------------------|-----------------|
| | | Width | Depth | Thickness | Width | Depth |
| IPGP31 [▲] | Zinc coated steel | 290 | 160 | 1.6 | 400 | 270 |
| IPGP41 [▲] | | 480 | 160 | 1.6 | 600 or 800 | 270 |
| IPGP52 [▲] | | 530 | 210 | 1.6 | 600, 700 or 800 | 400, 500 or 600 |
| IPGS31 | 316 stainless steel | 290 | 160 | 1.5 | 400 | 270 |
| IPGS41 | | 480 | 160 | 1.5 | 600 or 800 | 270 |
| IPGS52 | | 530 | 210 | 1.5 | 600, 700 or 800 | 400, 500 or 600 |
| IPGB31 | Brass | 290 | 160 | 6 | 400 | 270 |
| IPGB41 | | 480 | 160 | 6 | 600 or 800 | 270 |
| IPGB52 | | 530 | 210 | 6 | 600, 700 or 800 | 400, 500 or 600 |
| IPGA31 | Aluminium | 290 | 160 | 2.5 | 400 | 270 |
| IPGA41 | | 480 | 160 | 2.5 | 600 or 800 | 270 |
| IPGA52 | | 530 | 210 | 2.5 | 600, 700 or 800 | 400, 500 or 600 |



IPGP

[▲] Available on request

Monarch IP

Accessories to suit all Monarch IP enclosures

Plinths

Designed for use when mounting enclosures on the floor.

| Product | Material | Part Number | Dimensions (mm) | | | To suit enclosures (mm) | |
|----------------------|--|------------------------|-----------------|---------|-------|-------------------------|-------|
| | | | Height | Width | Depth | Width | Depth |
| Access plinths | Steel | IPPH214 | 200 | 600 | 374 | 600 | 400 |
| | | IPPH215 [▲] | 200 | 600 | 474 | 600 | 500 |
| | | IPPH216 [▲] | 200 | 600 | 574 | 600 | 600 |
| | | IPPH294 | 200 | 800 | 374 | 800 | 400 |
| | | IPPH295 | 200 | 800 | 474 | 800 | 500 |
| | | IPPH296 [▲] | 200 | 800 | 574 | 800 | 600 |
| | | IPPH295/3 [▲] | 300 | 800 | 470 | 800 | 500 |
| | 316 stainless steel | IPPH214/S | 200 | 600 | 374 | 600 | 400 |
| | | IPPH215/S [▲] | 200 | 600 | 474 | 600 | 500 |
| | | IPPH216/S [▲] | 200 | 600 | 574 | 600 | 600 |
| | | IPPH294/S | 200 | 800 | 374 | 800 | 400 |
| | | IPPH295/S | 200 | 800 | 474 | 800 | 500 |
| | | IPPH296/S [▲] | 200 | 800 | 574 | 800 | 600 |
| | | Plinth | Channel iron | IPPC212 | 75 | 600 | 241 |
| IPPC214 | 75 | | | 600 | 371 | 600 | 400 |
| IPPC215 | 75 | | | 600 | 471 | 600 | 500 |
| IPPC216 | 75 | | | 600 | 571 | 600 | 600 |
| IPPC254 | 75 | | | 700 | 371 | 700 | 400 |
| IPPC294 | 75 | | | 800 | 371 | 800 | 400 |
| IPPC295 | 75 | | | 800 | 471 | 800 | 500 |
| IPPC296 [▲] | 75 | | | 800 | 571 | 800 | 600 |
| IPPC424 | 75 | | | 1200 | 371 | 1200 | 400 |
| IPPC425 [▲] | 75 | | | 1200 | 471 | 1200 | 500 |
| IPPC504 | 75 | | | 1400 | 371 | 1400 | 400 |
| IPPC505 [▲] | 75 | | | 1400 | 471 | 1400 | 500 |
| IPPC584 | 75 | | | 1600 | 371 | 1600 | 400 |
| IPPC585 | 75 | | | 1600 | 471 | 1600 | 500 |
| Clamp bracket | Set of 4 (for use with channel iron plinth) | IPPCB | – | – | – | all | all |
| Gasket | Neoprene (4m length) | IPPC/G | 3 | 20 | – | all | all |

[▲] Available on request



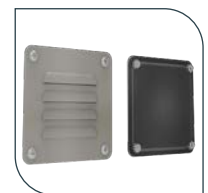
IPPC

Vent Kits – IP23

Ensure that the enclosure does not become excessively hot by allowing natural circulation of air. The vent kit includes a gasket, insert filter and fittings. Note that by the nature of this item, the enclosure will then not be rated to IP66.

| Part Number | Material | Description | Dimensions (mm) | | |
|-------------------------|---------------------|-------------------------|-----------------|-------|---------------------|
| | | | Height | Width | To suit cutout (mm) |
| IPVK | Zinc coated steel | Powdercoated RAL7032 | 130 | 130 | 80 x 80 |
| IPVK/LG | | Powdercoated RAL7035 | 130 | 130 | 80 x 80 |
| IPVK/RO | | Powdercoated X15 Orange | 130 | 130 | 80 x 80 |
| IPVK16 | | Powdercoated RAL7032 | 260 | 260 | 190 x 190 |
| IPVK16/LG [▲] | | Powdercoated RAL7035 | 260 | 260 | 190 x 190 |
| IPVK16/RO [▲] | | Powdercoated X15 Orange | 260 | 260 | 190 x 190 |
| IPVK/S | 316 stainless steel | – | 130 | 130 | 80 x 80 |
| IPVK/SRO [▲] | | Powdercoated X15 Orange | 130 | 130 | 80 x 80 |
| IPVK16/S [▲] | | – | 260 | 260 | 190 x 190 |
| IPVK16/SRO [▲] | | Powdercoated X15 Orange | 260 | 260 | 190 x 190 |
| IPVK/A | Aluminium | Powdercoated RAL7035 | 130 | 130 | 80 x 80 |
| IPVK16/A [▲] | | | 260 | 260 | 190 x 190 |

[▲] Available on request



IPVK

Vent Hoods

Designed to suit B&R's range of fans, filters and vent kits (on selected sizes) to ensure that the fan is protected mechanically and to protect from water and dust ingress.

| Part Number | Material | Colour | Dimensions (mm) | | | To suit |
|-------------------------|---------------------|---------------------|-----------------|-------|-------|----------------------|
| | | | Height | Width | Depth | |
| IPVH12 | Zinc coated steel | Pebble Grey RAL7032 | 300 | 200 | 50 | FAN/FIL12 & IPVK |
| IPVH12/LG [▲] | | Light Grey RAL7035 | 300 | 200 | 50 | FAN/FIL12 & IPVK |
| IPVH12/RO | | X15 Orange | 300 | 200 | 50 | FAN/FIL12 & IPVK |
| IPVH25 | | Pebble Grey RAL7032 | 400 | 300 | 50 | FAN23/28 & FAN/FIL25 |
| IPVH25/LG [▲] | | Light Grey RAL7035 | 400 | 300 | 50 | FAN23/28 & FAN/FIL25 |
| IPVH25/RO | | X15 Orange | 400 | 300 | 50 | FAN23/28 & FAN/FIL25 |
| IPVH35 | | Pebble Grey RAL7032 | 475 | 375 | 75 | FAN/FIL35 |
| IPVH35/LG [▲] | | Light Grey RAL7035 | 475 | 375 | 75 | FAN/FIL35 |
| IPVH35/RO [▲] | | X15 Orange | 475 | 375 | 75 | FAN/FIL35 |
| IPVH12/S | 316 stainless steel | N4 finish | 300 | 200 | 50 | FAN/FIL12 & IPVK/S |
| IPVH12/SRO [▲] | | X15 Orange | 300 | 200 | 50 | FAN/FIL12 & IPVK/S |
| IPVH25/S | | N4 finish | 400 | 300 | 50 | FAN23/28 & FAN/FIL25 |
| IPVH25/SRO | | X15 Orange | 400 | 300 | 50 | FAN23/28 & FAN/FIL25 |
| IPVH35/S | | N4 finish | 475 | 375 | 75 | FAN/FIL35 |
| IPVH35/SRO [▲] | | X15 Orange | 475 | 375 | 75 | FAN/FIL35 |
| IPVH12/A [▲] | Aluminium | Light Grey RAL7035 | 300 | 200 | 50 | FAN/FIL12 & IPVK |
| IPVH25/A [▲] | | | 400 | 300 | 50 | FAN23/28 & FAN/FIL25 |
| IPVH35/A [▲] | | | 475 | 375 | 75 | FAN/FIL35 |

▲ Available on request



IPVH on cabinet

Metal Mounting Pans

Very simple to install using the rails supplied as part of the Monarch IP enclosure. They are manufactured from 2mm thick pre-treated mild steel with a gloss white powdercoat finish.

| Part Number | Dimensions (mm) | | | To suit enclosure (mm) | |
|-----------------------|-----------------|-------|-----------|------------------------|-------|
| | Height | Width | Thickness | Height | Width |
| IPMP0905 | 250 | 150 | 2 | 300 | 200 |
| IPMP1309 | 350 | 250 | 2 | 400 | 300 |
| IPMP1313 | 320 | 340 | 2 | 400 | 400 |
| IPMP1321 | 320 | 540 | 2 | 400 | 600 |
| IPMP2113 | 520 | 340 | 2 | 600 | 400 |
| IPMP2121 | 520 | 540 | 2 | 600 | 600 |
| IPMP2129 | 520 | 740 | 2 | 600 | 800 |
| IPMP2525 | 620 | 640 | 2 | 700 | 700 |
| IPMP2921 [#] | 720 | 540 | 2 | 800 | 600 |
| IPMP2929 [#] | 720 | 740 | 2 | 800 | 800 |
| IPMP3721 [#] | 920 | 540 | 2 | 1000 | 600 |
| IPMP3725 [#] | 920 | 640 | 2 | 1000 | 700 |
| IPMP3729 [#] | 920 | 740 | 2 | 1000 | 800 |
| IPMP4521 [#] | 1120 | 540 | 2 | 1200 | 600 |
| IPMP4529 [#] | 1120 | 740 | 2 | 1200 | 800 |
| IPMP5321 [▲] | 1320 | 540 | 2 | 1400 | 600 |
| IPMP5329 [▲] | 1320 | 740 | 2 | 1400 | 800 |
| IPMP6121 [*] | 1520 | 540 | 2 | 1600 | 600 |
| IPMP6129 [*] | 1520 | 740 | 2 | 1600 | 800 |
| IPMP6921 [*] | 1720 | 540 | 2 | 1800 | 600 |
| IPMP6929 [*] | 1720 | 740 | 2 | 1800 | 800 |
| IPMP7721 [*] | 1920 | 540 | 2 | 2000 | 600 |
| IPMP7729 [*] | 1920 | 740 | 2 | 2000 | 800 |

* Mounting pan features double return on sides and single return on top for extra rigidity.

Mounting pan features single return on sides.

▲ Available on request.



IPMP in cab

Monarch IP

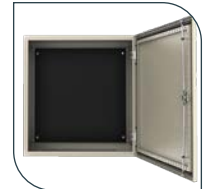
Accessories to suit all Monarch IP enclosures

Insulated Mounting Pans

Suitable where use of a metallic pan is not acceptable. Manufactured from black laminated phenolic material and supplied with all fixings, the insulated mounting pan is easy to install and use.

| Part Number | Dimensions (mm) | | | To suit enclosure (mm) | |
|-----------------------|-----------------|-------|-----------|------------------------|-------|
| | Height | Width | Thickness | Height | Width |
| IPFP0905 [▲] | 250 | 150 | 6 | 300 | 200 |
| IPFP1309 [▲] | 350 | 250 | 6 | 400 | 300 |
| IPFP1313 | 320 | 340 | 6 | 400 | 400 |
| IPFP1321 [▲] | 320 | 540 | 6 | 400 | 600 |
| IPFP2113 [▲] | 520 | 340 | 6 | 600 | 400 |
| IPFP2121 | 520 | 540 | 6 | 600 | 600 |
| IPFP2129 [▲] | 520 | 740 | 6 | 600 | 800 |
| IPFP2525 [▲] | 620 | 640 | 6 | 700 | 700 |
| IPFP2921 | 720 | 540 | 6 | 800 | 600 |
| IPFP2929 [▲] | 720 | 740 | 6 | 800 | 800 |
| IPFP3721 [▲] | 920 | 540 | 6 | 1000 | 600 |
| IPFP3725 [▲] | 920 | 640 | 8 | 1000 | 700 |
| IPFP3729 [▲] | 920 | 740 | 8 | 1000 | 800 |
| IPFP4521 [▲] | 1120 | 540 | 8 | 1200 | 600 |
| IPFP4529 [▲] | 1120 | 740 | 8 | 1200 | 800 |

[▲] Available on request



IPFP

Double Hinged Insulating Panels

Mainly used for metering applications. They are functional mounting solution for equipment installation that provides full access to the rear of the panel.

| Part Number | Dimensions (mm) | | | To suit enclosure (mm) | |
|-----------------------|-----------------|-------|-----------|------------------------|-------|
| | Height | Width | Thickness | Height | Width |
| IPHP1313 | 320 | 325 | 6 | 400 | 400 |
| IPHP1321 | 320 | 525 | 6 | 400 | 600 |
| IPHP2113 | 520 | 325 | 6 | 600 | 400 |
| IPHP2121 | 520 | 525 | 6 | 600 | 600 |
| IPHP2129 | 520 | 725 | 6 | 600 | 800 |
| IPHP2421 | 595 | 525 | 6 | partial height | 600 |
| IPHP2429 | 595 | 725 | 6 | partial height | 800 |
| IPHP2525 | 620 | 625 | 6 | 700 | 700 |
| IPHP2921 | 720 | 525 | 6 | 800 | 600 |
| IPHP2929 | 720 | 725 | 6 | 800 | 800 |
| IPHP3221 [▲] | 795 | 525 | 6 | partial height | 600 |
| IPHP3229 | 795 | 725 | 6 | partial height | 800 |
| IPHP3721 | 920 | 525 | 6 | 1000 | 600 |
| IPHP3725 [▲] | 920 | 625 | 8 | 1000 | 700 |
| IPHP3729 | 920 | 725 | 8 | 1000 | 800 |
| IPHP4521 | 1120 | 525 | 8 | 1200 | 600 |
| IPHP4529 | 1120 | 725 | 8 | 1200 | 800 |

[▲] Available on request



IPHP

Monarch IP

Accessories to suit all Monarch IP enclosures



Hinged Escutcheons

Used for covering internal controls and accessories. They can be mounted singularly or with two or more fitted into the enclosure. Fitting requires universal rail kit (see page 28).

| Part Number | Dimensions (mm) | | | Required (rail kit) | To suit enclosures (mm) | |
|-------------|-----------------|-------|-------|---------------------|-------------------------|-------|
| | Height | Width | Depth | | Height | Width |
| IPHE1313 | 325 | 320 | 18 | IPRK1313 | 400 | 400 |
| IPHE1321 | 325 | 520 | 18 | IPRK1321 | 400 | 600 |
| IPHE1329 | 325 | 720 | 18 | IPRK1329 | 400 | 800 |
| IPHE1621 | 400 | 520 | 18 | | 400 | 600 |
| IPHE1629 | 400 | 720 | 18 | | 400 | 800 |
| IPHE2021 | 500 | 520 | 18 | | 400 | 600 |
| IPHE2029 | 500 | 720 | 18 | | 400 | 800 |
| IPHE2113 | 525 | 320 | 18 | IPRK2113 | 600 | 400 |
| IPHE2121 | 525 | 520 | 18 | IPRK2121 | 600 | 600 |
| IPHE2129 | 525 | 720 | 18 | IPRK2129 | 600 | 800 |
| IPHE2421 | 600 | 520 | 18 | | partial | 600 |
| IPHE2429 | 600 | 720 | 18 | | partial | 800 |
| IPHE2525 | 625 | 620 | 18 | IPRK2525 | 700 | 700 |
| IPHE2921 | 725 | 520 | 18 | IPRK2921 | 800 | 600 |
| IPHE2929 | 725 | 720 | 18 | IPRK2929 | 800 | 800 |
| IPHE3221 | 800 | 520 | 18 | | partial | 600 |
| IPHE3229 | 800 | 720 | 18 | | partial | 800 |
| IPHE3721 | 925 | 520 | 18 | IPRK3721 | 1000 | 600 |
| IPHE3725 | 925 | 620 | 18 | IPRK3725 | 1000 | 700 |
| IPHE3729 | 925 | 720 | 18 | IPRK3729 | 1000 | 800 |
| IPHE4021 | 1000 | 520 | 18 | | 1000 | 600 |
| IPHE4029 | 1000 | 520 | 18 | | 1000 | 800 |
| IPHE4521 | 1125 | 520 | 18 | IPRK4521 | 1200 | 600 |
| IPHE4529 | 1125 | 720 | 18 | IPRK4529 | 1200 | 800 |
| IPHE5321 | 1325 | 520 | 18 | IPRK5321 | 1200 | 600 |
| IPHE5329 | 1325 | 720 | 18 | IPRK5329 | 1200 | 800 |
| IPHE6121 | 1525 | 520 | 18 | IPRK6121 | 1600 | 600 |
| IPHE6129 | 1525 | 720 | 18 | IPRK6129 | 1600 | 800 |
| IPHE6921 | 1725 | 520 | 18 | IPRK6921 | 1800 | 600 |
| IPHE6929 | 1725 | 720 | 18 | IPRK6929 | 1800 | 800 |
| IPHE7721 | 1925 | 520 | 18 | IPRK7721 | 2000 | 600 |
| IPHE7729 | 1925 | 720 | 18 | IPRK7729 | 2000 | 800 |



IPHE



Full height hinged escutcheons are incompatible with door stays

Fixed Escutcheons

Used for covering internal controls and accessories. They form a second tier mounting arrangement, in front of the mounting pan. They can be mounted singularly or with two or more fitted into the enclosure. Fitting requires universal rail kit (see page 28).

| Part Number | Dimensions (mm) | | | Required (rail kit) | To suit enclosures (mm) | |
|-----------------------|-----------------|-------|-------|---------------------|-------------------------|-------|
| | Height | Width | Depth | | Height | Width |
| IPFE0908 | 225 | 200 | 18 | | – | – |
| IPFE0913 | 225 | 325 | 18 | | – | 400 |
| IPFE0916 | 225 | 400 | 18 | | – | – |
| IPFE0921 | 225 | 525 | 18 | | – | 600 |
| IPFE0929 | 225 | 725 | 18 | | – | 800 |
| IPFE1208 | 300 | 200 | 18 | | – | – |
| IPFE1213 | 300 | 325 | 18 | | 400 | 400 |
| IPFE1216 | 300 | 400 | 18 | | 400 | 400 |
| IPFE1221 | 300 | 525 | 18 | | – | 600 |
| IPFE1229 | 300 | 725 | 18 | | – | 800 |
| IPFE1308 [▲] | 325 | 200 | 18 | – | – | – |

▲ Available on request

CONT.

Monarch IP

Accessories to suit all Monarch IP enclosures

Fixed Esutcheons Cont.

| Part Number | Dimensions (mm) | | | Required (rail kit) | To suit enclosures (mm) | |
|-----------------------|-----------------|-------|-------|---------------------|-------------------------|-------|
| | Height | Width | Depth | | Height | Width |
| IPFE1313 | 325 | 325 | 18 | IPRK1313 | 400 | 400 |
| IPFE1316 [▲] | 325 | 400 | 18 | – | – | – |
| IPFE1321 | 325 | 525 | 18 | IPRK1321 | 400 | 600 |
| IPFE1329 | 325 | 725 | 18 | – | 400 | 800 |
| IPFE1608 | 400 | 200 | 18 | – | – | – |
| IPFE1613 | 400 | 325 | 18 | – | – | 400 |
| IPFE1616 [▲] | 400 | 400 | 18 | – | – | – |
| IPFE1621 | 400 | 525 | 18 | – | – | 600 |
| IPFE1629 | 400 | 725 | 18 | – | – | 800 |
| IPFE2008 | 500 | 200 | 18 | – | – | – |
| IPFE2013 | 500 | 325 | 18 | – | – | 400 |
| IPFE2016 | 500 | 400 | 18 | – | – | – |
| IPFE2021 | 500 | 525 | 18 | – | – | 600 |
| IPFE2029 | 500 | 725 | 18 | – | – | 800 |
| IPFE2108 | 525 | 200 | 18 | – | 600 | – |
| IPFE2113 | 525 | 325 | 18 | IPRK2113 | 600 | 400 |
| IPFE2116 | 525 | 400 | 18 | – | 600 | – |
| IPFE2121 | 525 | 525 | 18 | IPRK2121 | 600 | 600 |
| IPFE2129 | 525 | 725 | 18 | IPRK2129 | 600 | 800 |
| IPFE2408 | 600 | 200 | 18 | – | – | – |
| IPFE2413 | 600 | 325 | 18 | – | – | – |
| IPFE2416 | 600 | 400 | 18 | – | – | – |
| IPFE2421 | 600 | 525 | 18 | – | – | – |
| IPFE2429 | 600 | 725 | 18 | – | – | – |
| IPFE2525 [▲] | 625 | 625 | 18 | IPRK2525 | 700 | 700 |
| IPFE2908 | 725 | 200 | 18 | – | 800 | – |
| IPFE2913 | 725 | 325 | 18 | – | 800 | 400 |
| IPFE2916 | 725 | 400 | 18 | – | 800 | – |
| IPFE2921 | 725 | 525 | 18 | IPRK2921 | 800 | 600 |
| IPFE2929 | 725 | 725 | 18 | IPRK2929 | 800 | 800 |
| IPFE3208 | 800 | 200 | 18 | – | – | – |
| IPFE3213 | 800 | 325 | 18 | – | – | – |
| IPFE3216 | 800 | 400 | 18 | – | – | – |
| IPFE3221 | 800 | 525 | 18 | – | – | – |
| IPFE3229 | 800 | 725 | 18 | – | – | – |
| IPFE3708 | 925 | 200 | 18 | – | – | – |
| IPFE3713 | 925 | 325 | 18 | – | – | – |
| IPFE3716 | 925 | 400 | 18 | – | – | – |
| IPFE3721 | 925 | 525 | 18 | IPRK3721 | 1000 | 600 |
| IPFE3725 [▲] | 925 | 625 | 18 | IPRK3725 | 1000 | 700 |
| IPFE3729 | 925 | 725 | 18 | IPRK3729 | 1000 | 800 |
| IPFE4008 | 1000 | 200 | 18 | – | – | – |
| IPFE4013 | 1000 | 325 | 18 | – | – | 400 |
| IPFE4016 | 1000 | 400 | 18 | – | – | – |
| IPFE4021 | 1000 | 525 | 18 | – | – | 600 |
| IPFE4029 | 1000 | 725 | 18 | – | – | 800 |
| IPFE4508 | 1125 | 200 | 18 | – | – | – |
| IPFE4513 [▲] | 1125 | 325 | 18 | – | 1200 | 400 |
| IPFE4516 [▲] | 1125 | 400 | 18 | – | – | – |
| IPFE4521 | 1124 | 524 | 18 | IPRK4521 | 1200 | 600 |
| IPFE4529 | 1124 | 724 | 18 | IPRK4529 | 1200 | 800 |



IPFE

[▲] Available on request

Monarch IP

Accessories to suit all Monarch IP enclosures

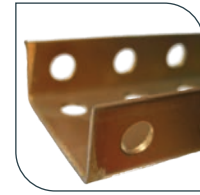


Escutcheon Rails

Used where two escutcheons meet in the enclosures.

| Part Number | Description | Height (mm) |
|-------------------|-------------|-----------------|
| IPEJ [▲] | Pack of 10 | joining bracket |
| IPE05 | – | 525 |
| IPE07 | – | 725 |
| IPE19 | – | 1975 |

[▲] Available on request



IPE

Universal Rail Kits

Used to install both fixed and hinged escutcheons and complete with 4 rails and fixings. A pair of height rails and a pair of width rails are provided in each kit.

| Part Number | Rail lengths (mm) | | To suit enclosures (mm) | |
|-----------------------|-------------------|------------|-------------------------|-------|
| | Rail Height | Rail Width | Height | Width |
| IPRK1313 | 375 | 325 | 400 | 400 |
| IPRK1321 | 375 | 525 | 400 | 600 |
| IPRK1329 | 375 | 725 | 400 | 800 |
| IPRK2113 | 575 | 325 | 600 | 400 |
| IPRK2121 | 575 | 525 | 600 | 600 |
| IPRK2129 | 575 | 725 | 600 | 800 |
| IPRK2525 [▲] | 675 | 625 | 700 | 700 |
| IPRK2921 | 775 | 525 | 800 | 600 |
| IPRK2929 | 775 | 725 | 800 | 800 |
| IPRK3721 | 975 | 525 | 1000 | 600 |
| IPRK3725 | 975 | 625 | 1000 | 700 |
| IPRK3729 | 975 | 725 | 1000 | 800 |
| IPRK4521 | 1175 | 525 | 1200 | 600 |
| IPRK4529 | 1175 | 725 | 1200 | 800 |
| IPRK6121 | 1575 | 525 | 1600 | 600 |
| IPRK6129 | 1575 | 725 | 1600 | 800 |
| IPRK6921 | 1775 | 525 | 1800 | 600 |
| IPRK6929 | 1775 | 725 | 1800 | 800 |
| IPRK7721 | 1975 | 525 | 2000 | 600 |
| IPRK7729 | 1975 | 725 | 2000 | 800 |

[▲] Available on request



IPRK

Door Stays

Ensures door remains open even in windy weather ensuring the safety of people working on the installed equipment.

| Part Number | Quantity | To suit enclosure width (mm) |
|-------------|----------|--------------------------------|
| IPDS | 1 | All enclosures 600mm and wider |



IPDS



Full height hinged escutcheons are incompatible with door stays

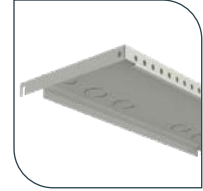
Monarch IP

Accessories to suit all Monarch IP enclosures

Shelves

White powdercoated shelving comes complete with knockout for cabling and all fittings. Designed for use as segregation panels for switchboard applications mounting fixed equipment.

| Part Number | Dimensions (mm) | | To suit enclosures (mm) | |
|----------------------|-----------------|-------|-------------------------|-------|
| | Width | Depth | Width | Depth |
| IPSH211 [▲] | 563 | 105 | 600 | 175 |
| IPSH212 | 563 | 160 | 600 | 270 |
| IPSH214 | 563 | 280 | 600 | 400 |
| IPSH215 | 563 | 380 | 600 | 500 |
| IPSH216 | 563 | 480 | 600 | 600 |
| IPSH254 [▲] | 663 | 280 | 700 | 400 |
| IPSH292 [▲] | 763 | 160 | 800 | 270 |
| IPSH294 | 763 | 280 | 800 | 400 |
| IPSH295 | 763 | 380 | 800 | 500 |
| IPSH296 | 763 | 480 | 800 | 600 |



IPSH

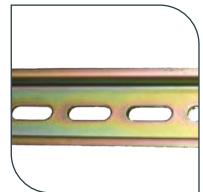
! These shelves are NOT designed for load during transport.

[▲] Available on request

DIN Rails

Used for mounting DIN switchgear and accessories into the enclosure. It is available for all models in aluminium, steel and slotted designs.

| Part Number | Material | Description | Dimensions (mm) | |
|---------------------|---------------|--------------------------------------|-----------------|-------|
| | | | Length | Depth |
| IPDN03 | Aluminium | - | 360 | 15 |
| IPDN05 [▲] | | | 560 | 15 |
| IPDN07 [▲] | | | 760 | 15 |
| DIN35/7.5 | Steel | - | 2000 | 7.5 |
| DIN35/7.5SL | Steel slotted | - | 2000 | 7.5 |
| DIN35/15AL15 | Aluminium | - | 1500 | 15 |
| DINSB | - | Mounting kit, angle support brackets | - | - |



DIN35/7.5SL

[▲] Available on request

Eye Bolts

Ensures enclosure is not damaged when lifted and can be moved safely. Compliant to AS4991: Lifting Devices.

| Part Number | Quantity | Lift Rating | Material | To suit enclosure width (mm) |
|-------------|----------|----------------|---------------------|------------------------------|
| LEB/12 | 2 | 125kg per bolt | Zinc Steel | all |
| LEB/12/S | 2 | 125kg per bolt | 304 Stainless Steel | all |



LEB/12

Mounting Brackets

For ease of installation and fixing to the mounting surface. Mounting brackets ensure optimum installation and safety.

| Part Number | Material | Quantity | Static Load Rating | To suit enclosure width (mm) |
|-------------|-------------------|----------|--|------------------------------|
| MEB/S | Stainless steel | 4 | 120kg per set of 4 (30kgs per bracket) | all |
| IPWM | Zinc coated steel | 4 | 300kg per set of 4 (75 kg per bracket) | all |
| IPWM/S | Stainless steel | 4 | 300kg per set of 4 (75 kg per bracket) | all |



MEB/S

Monarch IP

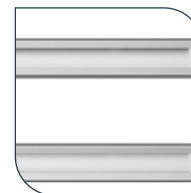
Accessories to suit all Monarch IP enclosures



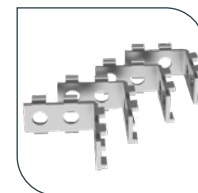
Standard Rails – C Section

Used to fit additional accessories and rails in the enclosure.

| Part Number | Description | Height (mm) | To suit enclosure depth (mm) |
|---------------------|---|-------------|------------------------------|
| IPCR01 [▲] | | 137 | – |
| IPCR02 | | 232 | 270 |
| IPCR03 | | 360 | 400 |
| IPCR04 | | 460 | 500 |
| IPCR05 | | 560 | 600 |
| IPCR07 | | 760 | 800 |
| IPCR12 | For loose supply (customer cut to length) | 1200 | – |
| IPTO | Takeoff bracket (pack of 10) | – | – |



IPCR



IPTO

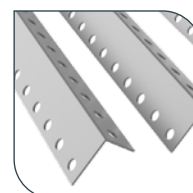
[▲] Available on request

Universal Rails

Designed for mounting equipment inside an enclosure. Either fixed lengths or can be cut to size requirements.

| Part Number | Description | Length (mm) | To suit enclosure height (mm) |
|------------------|-------------|-------------|-------------------------------|
| IPUV | 25 pitch | 1975 | all |
| UV1 [▲] | 20 pitch | 1984 | all |

[▲] Available on request



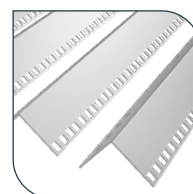
IPUV

19" Mounting Rails

Designed for mounting equipment inside an enclosure. Either fixed lengths or can be cut to size requirements.

| Part Number | Dimensions (mm) | | | To suit enclosures (mm) | |
|-------------------------|-----------------|-------|-------|-------------------------|-------|
| | Height | Width | Depth | Height | Width |
| UV19 | 1946 | 58.5 | 76 | – | – |
| IPRU11 | 536 | – | – | 600 | – |
| IPRU15 | 758 | – | – | 800 | – |
| IPRU24 | 1158 | – | – | 1200 | 600 |
| IPRU32 [▲] | 1469 | – | – | 1600 | – |
| IPRU38 [▲] | 1736 | – | – | 1800 | – |
| IPRU42 [▲] | 1958 | – | – | 2000 | – |
| IPRU11/800 [▲] | 536 | – | – | 600 | 800 |
| IPRU15/800 [▲] | 758 | – | – | 800 | 800 |
| IPRU24/800 [▲] | 1158 | – | – | 1200 | 800 |
| IPRU32/800 [▲] | 1469 | – | – | 1600 | 800 |
| IPRU38/800 [▲] | 1736 | – | – | 1800 | 800 |
| IPRU42/800 [▲] | 1958 | – | – | 2000 | 800 |

[▲] Available on request



IPRU

Monarch IP

Accessories to suit all Monarch IP enclosures

Laptop Lecterns

Designed to allow fast and easy access when using a laptop computer. The laptop lectern protrudes 45mm inside the door. Mounting requires door rails (purchased separately).

| Part Number | Description | Dimensions (mm) | | To suit door (mm) | |
|-------------|-----------------------|-----------------|-------|-------------------|-------------|
| | | Width | Depth | Height | Width |
| IPLL▲ | Laptop lectern | 440 | 300 | 600 & above | 600 & above |
| IPRD6▲ | Door rails (set of 2) | - | - | - | 600 |
| IPRD8▲ | | - | - | - | 800 |

▲ Available on request



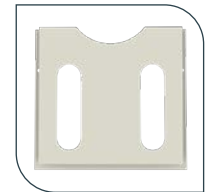
IPLL

Document Holders

Designed to standard A4 documents such as procedures and diagrams to ensure that they are kept clean and conveniently located.

| Part Number | Description | To suit enclosure width (mm) |
|-------------|-------------------|------------------------------|
| IPPLN | A4 Plastic | all |
| IPPLN04/35 | A4 Metal | 400 & above |
| IPPLN04/80▲ | A4 Metal – Folder | 400 & above |
| IPPLN06/15 | A3 | 600 & above |
| IPPLN06/35▲ | A3 Metal | 600 & above |
| IPPLN06/80▲ | A3 Metal – Folder | 600 & above |

▲ Available on request.



IPPLN

Schedule Holders

Used to ensure maintenance schedules are always displayed prominently.

| Part Number | Description | Mounting | Colour | Dimensions (mm) | | | To suit enclosure (mm) | |
|-------------|-------------|----------------|---------------------|-----------------|-------|-------|------------------------|-------|
| | | | | Height | Width | Depth | Height | Width |
| IPLC150▲ | 150 line | Door rail | Pebble Grey RAL7032 | 255 | 210 | - | 400 | 300 |
| IPLC40▲ | 40 line | | | 230 | 110 | - | 300 | 200 |
| LCH40 | 40 line | Tape or rivets | Light Grey RAL7035 | 230 | 110 | 8 | 300 | 200 |
| LCH60 | 60 line | | | 260 | 210 | 8 | 400 | 300 |
| LCH78▲ | 78 line | | | 380 | 110 | 8 | 500 | 200 |

▲ Available on request



IPLC

Backmount Frame

| Part Number | Description | Height (RU) |
|-------------|-----------------|-------------|
| FCCD15/19*▲ | 15-Way, 19 inch | 3 |

▲ Available on request

* 19 inch mounting rails required refer to page 88.



FCCD15/19

Load Centre

| Part Number | Description | Height (RU) |
|-------------|------------------|-------------|
| FCLC19/19* | 19-pole, 19 inch | 5 |

* 19 inch mounting rails required refer to page 88.



FCLC19/19

Monarch IP

Accessories to suit all Monarch IP enclosures



General Accessories

A range of general accessories to suit all Monarch IP enclosures.

| Part Number | Product | Description |
|-------------------------|---------------------------------------|--|
| IPNLK [▲] | Night latch kit bracket | To enable Lockwood deadbolt to be fitted |
| IPP06 [▲] | | M6 |
| IPP10 [▲] | Hole plug (pack of 20) | M10 |
| IPP13 [▲] | | M13 |
| IPBO612 | | M6 x 12mm |
| IPBO625 | | M6 x 25mm |
| IPBO812 | Bolt – hex head (pack of 20) | M8 x 12mm |
| IPBO825 | | M8 x25mm |
| IPBO830 [▲] | | M8 x 30mm |
| IPBO840/D [▲] | | Accessory kit seal screw (pack of 10) |
| IPN06 [▲] | Hex head nuts (pack of 20) | M6 |
| IPN08 [▲] | | M8 |
| IPCG06 | Cage Nuts (pack of 20) | M6 |
| IPCG08 | | M8 |
| IPCN06 | Foam back nuts (pack of 20) | M6 |
| IPCN08 | | M8 |
| IPTO616 [▲] | Screws – taptite (pack of 20) | M6 x 16mm |
| IPTPO616/S [▲] | Tamper proof screws with security bit | M6 x 16mm (pack of 10) |
| IPWF06 [▲] | Flat washers (pack of 20) | M6 |
| IPWF08 [▲] | | M8 |
| IPWG06 | Seal washers (pack of 20) | Small |
| IPWS06 [▲] | Star washers (pack of 20) | M6 |
| IPWS08 | | M8 |
| IPWSP06 | Spring washers (pack of 20) | M6 |
| IPWSP08 | | M8 |
| IPOR06 [▲] | Sealing ring (pack of 20) | M6 |
| IPCDH [▲] | D handle | Chrome |
| ECESK [▲] | Earth strap kit | – |
| TUP/P20 | Touch Up Paint (300g) | Pebble Grey RAL7032 |
| TUP/P29 | | Light Grey RAL7035 |

[▲] Available on request

Locks

Locks to suit Monarch IP enclosures

Standard Locks

| Enclosure | Zinc Coated Steel | Stainless Steel | Aluminium |
|-----------|---|--|--|
| ≤1600mm | IP020 – chromed steel lock with 7mm square steel insert | IP020/S – black powdercoated lock with 7mm square stainless steel insert | IP020/PS – chromed steel lock with 7mm square steel insert |
| +1600mm | IP050 – lockable L handle keyed 92268 | IP050 – lockable L handle keyed 92268 | IP050 – lockable L handle keyed 92268 |

Lock Options for Monarch IP Enclosures

There are a number of lock options available that are suitable for use on Monarch IP enclosures. Contact your local sales representative to discuss your requirements.

| Product | Description | Part Number | Standard Lock/Insert | Alternative insert | Keys | |
|--------------|-------------------------------|-------------|---|--------------------|------------------|-------------|
| | | | | | Lockable handles | Zinc, 4-way |
| Turnbuckle | chromed steel | IP020 | 7mm square – steel | See below | | SKZ |
| | powdercoated | IP020/PS | 7mm square – stainless steel | See below | | SKZ |
| | stainless steel | IP020/S | 7mm square – stainless steel | See below | | SKZ |
| | | IP028S/S | 8mm square slotted – stainless steel | See below | | |
| Wing knob | lockable | IP030 | Key code 92268 | | SK3 | |
| | lockable | IP030/CL001 | Key code CL001 | | | |
| | lockable | IP030/L003 | Key code L003 | | | |
| | padlockable | IP032 | Suit 8mm hasp | | | |
| | padlockable - stainless steel | IP032/S | Suit 8mm hasp | | | |
| | non-lockable | IP111 | – | | | |
| T-handle | lockable | IP040 | Key code 92268 | | SK3 | |
| L-handle | lockable | IP050 | Key code 92268 | | SK3 | |
| | lockable – stainless steel | IP050/S | Key code 92268 | | SK3 | |
| | padlockable – steel | IP052 | – | | | |
| | padlockable – stainless steel | IP052/S | – | | | |
| Swing handle | padlockable – steel | IP060 | Suitable for up to 9mm diameter pad-lock shackle. | | | |
| | padlockable – stainless steel | IP060/S | | | | |



Lock Inserts for IP020 Locks

The IP020 locks are available with an option lock insert for use on all Monarch IP enclosures. Contact your local sales engineer to discuss your requirements.

| To suit lock style | Description | To suit lock | Standard Insert | 3mm double bit pin | | 8mm square | | 8mm square slotted | | 8mm triangle | |
|---------------------|-----------------------------|--------------|------------------------------|--------------------|-----------------|------------|-----------------|--------------------|-------|-----------------|-----------|
| | | | | Steel | Stainless Steel | Steel | Stainless Steel | Stainless Steel | Steel | Stainless Steel | |
| Turnbuckle | chromed steel | IP020 | 7mm square – steel | LKINS3P | | LKINS8S | | LKINS8SS/S | | LKINS8T | |
| | powdercoated with SS insert | IP020/PS | 7mm square – stainless steel | | LKINS3P/S | | LKINS8S/S | LKINS8SS/S | | | LKINS8T/S |
| | stainless steel | IP020/S | 7mm square – stainless steel | | LKINS3P/S | | LKINS8S/S | LKINS8SS/S | | | LKINS8T/S |
| Key required – zinc | | | SKZ | SKZ | SKZ | SKZ | SKZ | SKZ | SKZ | SKZ | SKZ |

Enclosure LED Lighting



Our LED lighting solutions provide light inside an enclosure when visibility is required for both safety and efficacy.

High output, small form factor LED lighting. Up to 4 units can be daisy chained from the one power supply. Allows for the opening of full height swing frames or hinged escutcheons when fitted to the roof. The optional PIR movement sensor can be used for power efficiency as an automatic door switch. All light kits can be mounted directly onto 19" rack rails. In the absence of 19" rack rails a mounting kit is available to suit the enclosure size.



B&R's LED lighting solutions are applied to provide excess light within an enclosure and becomes a continuous light source to provide extra visibility.

- Energy saving up to 50% compared with traditional fluorescents under the same lux.
- Life span – over 50,000 hours
- Colour temperature: warm white
- Available in 12V and 24V options.
- Easy linking up to 36 watts per run.
- Easy to install.
- Low voltage — safe and efficient.
- Manufactured from aluminium with black plastic end caps and acrylic lens.
- Light source – SM3528 LED
- Operating temperature – -20°C to 40°C indoors

i This information is provided as a guide only. Contact your local sales representative to discuss your requirements.

Technical Operating Data

| Length (mm) | Voltage (DC) | Power (W) | Radiance | Colour Temp | Luminous Flux (lm)* | LED Current (A) |
|-------------|--------------|-----------|----------|-------------|---------------------|-----------------|
| 300 | 12/24 | 3 | 90° | 4400 | 280/360 | 0.18 |
| 500 | 12/24 | 5 | 90° | 4400 | 460/600 | 0.18 |

Monarch IP

| Part Number | Power (V) | Inclusions | | | | | Required Mounting Bracket | | | To suit enclosure | |
|-------------|-----------|------------|--------------|----------|--------|------------|---------------------------|---------|---------|-------------------|----------------------------|
| | | LED Light | Power Supply | Splitter | Switch | Connectors | IPLKB04 | IPLKB06 | IPLKB08 | Width (mm) | Optional |
| BRLED300 | 12 | • | • | | • | | • | | | 400 | BRMOT PIR Motion Sensor |
| BRLED300/24 | 24 | • | • | | • | | • | | | 400 | |
| BRLED500 | 12 | • | • | | • | | | • | | 600, 700 or 800 | |
| BRLED500/24 | 24 | • | • | | • | | | • | | 600, 700 or 800 | |
| BRLEDK03 | – | • | | • | | • | | | | 400 | |
| BRLEDK05 | – | • | | • | | • | | • | | 600, 700 or 800 | |