

MI SWITCHBOARD SYSTEM

TECHNICAL INFORMATION



WATERPROOF INDUSTRIAL SWITCHBOARDS

The Mi Industrial Switchboard System is an easy to construct, versatile complete Control and Distribution Board product. Individual Mi enclosures can be joined like building blocks using the MiWD2 Joining Kit. This can be achieved very quickly and easily. When joining Mi enclosures the IP65 waterproof and dust-tight rating is completely maintained. Many different accessories and specialised parts mean that many different applications can be well catered for. The entire system is highly **UV stable**.

JOINING MI COMPONENTS

Individual Mi Components can be joined quickly using the MiWD2 Joining Kit. This can be achieved very quickly and easily.

The Mi Series IP65 Waterproof and Dust-tight rating is completely maintained.



IP65 ENCLOSURES WITH UV TINTED LID



Mi0100	Enclosure with tinted lid - 150 x 300 x 170 mm	\$144.98
Mi0200	Enclosure with tinted lid - 300 x 300 x 170 mm	\$204.73
Mi0210	Enclosure with tinted lid - 300 x 300 x 214 mm	\$221.49
Mi0300	Enclosure with tinted lid - 300 x 300 x 170 mm	\$269.37
Mi0310	Enclosure with tinted lid - 450 x 300 x 214 mm	\$292.64
Mi0400	Enclosure with tinted lid - 600 x 300 x 170 mm	\$355.41
Mi0410	Enclosure with tinted lid - 600 x 300 x 214 mm	\$385.95
Mi0600	Enclosure with tinted lid - 600 x 450 x 170 mm	\$560.08
Mi0800	Enclosure with tinted lid - 600 x 600 x 170 mm	\$764.71

Please allow for assembly time for some Hensel Mi Solutions

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IP65 ENCLOSURES WITH TRANSPARENT LID



Mi0260	Enclosure with transparent lid - 300 x 300 x 214 mm	\$221.49
Mi0350	Enclosure with transparent lid - 300 x 300 x 170 mm	\$269.37
Mi0360	Enclosure with transparent lid - 450 x 300 x 214 mm	\$292.64
Mi0450	Enclosure with transparent lid - 600 x 300 x 170 mm	\$355.41
Mi0460	Enclosure with transparent lid - 600 x 300 x 214 mm	\$385.95
Mi0650	Enclosure with transparent lid - 600 x 450 x 170 mm	\$560.08

IP65 ENCLOSURES WITH GREY LID



Mi0101	Enclosure with grey lid - 150 x 300 x 170 mm	\$144.98
Mi0201	Enclosure with grey lid - 300 x 300 x 170 mm	\$204.73
Mi0211	Enclosure with grey lid - 300 x 300 x 214 mm	\$221.49
Mi0301	Enclosure with grey lid - 450 x 300 x 170 mm	\$269.37
Mi0311	Enclosure with grey lid - 450 x 300 x 214 mm	\$292.64
Mi0401	Enclosure with grey lid - 600 x 300 x 170 mm	\$355.41
Mi0411	Enclosure with grey lid - 600 x 300 x 214 mm	\$385.95
Mi0601	Enclosure with grey lid - 600 x 450 x 170 mm	\$560.08
Mi0801	Enclosure with grey lid - 600 x 600 x 170 mm	\$764.71

IP65 ENCLOSURES WITH INTEGRATED HINGED LID



Mi0220	Enclosure with transparent hinged lid - 300 x 300 x 182 mm	\$233.21
Mi0221	Enclosure with grey hinged lid - 300 x 300 x 182 mm	\$233.21

IP65 ENCLOSURES WITH FITTED EXTERNAL HINGE - UV TINTED LID



Mi9100	Enclosure with transparent lid - 150 x 300 x 170 mm with external hinge	\$207.70
Mi9200	Enclosure with transparent lid - 300 x 300 x 170 mm with external hinge	\$267.45
Mi9210	Enclosure with transparent lid - 300 x 300 x 214 mm with external hinge	\$284.20
Mi9300	Enclosure with transparent lid - 450 x 300 x 170 mm with external hinge	\$332.08
Mi9310	Enclosure with transparent lid - 450 x 300 x 214 mm with external hinge	\$355.35
Mi9400	Enclosure with transparent lid - 600 x 300 x 170 mm with external hinge	\$418.13
Mi9410	Enclosure with transparent lid - 600 x 300 x 214 mm with external hinge	\$448.65

IP65 ENCLOSURES WITH FITTED EXTERNAL HINGE - GREY LID



Mi9101	Enclosure with grey lid - 150 x 300 x 170 mm with external hinge	\$207.70
Mi9201	Enclosure with grey lid - 300 x 300 x 170 mm with external hinge	\$267.45
Mi9211	Enclosure with grey lid - 300 x 300 x 214 mm with external hinge	\$284.20
Mi0301	Enclosure with grey lid - 450 x 300 x 170 mm with external hinge	\$332.08
Mi9311	Enclosure with grey lid - 450 x 300 x 214 mm with external hinge	\$355.35
Mi9401	Enclosure with grey lid - 600 x 300 x 170 mm with external hinge	\$418.13
Mi9411	Enclosure with grey lid - 600 x 300 x 214 mm with external hinge	\$448.65



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IP65 FIXED LID CIRCUIT BREAKER ENCLOSURES WITHOUT E/N BARS



Mi1115	12 Module MCB Box with fixed lid - E&N bars not supplied - 150x300x170mm	\$283.46
Mi1225	24 Module MCB Box with fixed lid - E&N bars not supplied - 300x300x170mm	\$374.84
Mi1335	36 Module MCB Box with fixed lid - E&N bars not supplied - 450x300x170mm	\$470.19
Mi1447	48 Module MCB Box with fixed lid - E&N bars not supplied - 600x300x170mm	\$584.89
Mi1440	36 Module MCB Box, fixed lid, additional DIN Rail, no E&N bars - 600x300x170mm	\$576.10
Mi1885	84 Module MCB BOX with fixed lid - E&N bars not supplied - 600x600x170mm	\$985.29

Earth/Neutral Bar options below

IP65 HINGED FLAP CIRCUIT BREAKER ENCLOSURES WITHOUT E/N BARS



Mi1117	12 Module MCB Box with 1 hinged flap - E&N bars not supplied - 150x300x185mm	\$335.39
Mi1227	24 Module MCB Box with 2 hinged flaps - E&N bars not supplied - 300x300x185mm	\$478.70
Mi1337	36 Module MCB Box with 3 hinged flaps - E&N bars not supplied - 450x300x184mm	\$625.98
Mi1445	48 Module MCB Box with 4 hinged flaps - E&N bars not supplied - 600x300x185mm	\$792.61
Mi1443	36 Module MCB Box, 3 hinged flaps, additional DIN Rail, no E&N - 600x300x185mm	\$731.88

Earth/Neutral Bar options below

IP65 HINGED LID CIRCUIT BREAKER ENCLOSURE WITHOUT E/N BARS



Mi1226	24 Module MCB Box with hinged lid - E&N bars not supplied - 300x300x170mm	\$403.34
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Earth/Neutral Bar options below

FIXCONNECT EARTH AND NEUTRAL BARS



FCPN10	Earth & Neutral Bar for 6 way Mi Circuit Breaker Enclosure - DIN Rail Mounted	\$24.26
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FCPN30	Earth & Neutral Bar for 12 and 24 way Mi Circuit Breaker Enclosures	\$78.93
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FCPN60	Earth & Neutral Bar for 36 and 48 way Mi Circuit Breaker Enclosures	\$144.35
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FCN10	Neutral Bar for 12 way Mi Circuit Breaker Enclosures - DIN Rail Mounted	\$24.26
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FCN30	Neutral Bar for 36 and 48 way Mi Circuit Breaker Enclosures	\$98.59
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FCPE10	Earth Bar for 12 way Mi Circuit Breaker Enclosures - DIN Rail Mounted	\$24.26
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FCPE30	Earth Bar for 36 and 48 way Mi Circuit Breaker Enclosures	\$74.09
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FCBS5	Fixconnect labelling system for FCN10, FCPE10 & FCPN10 (set of 5)	\$4.56
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IP65 KWHR METER BOXES



Mi2300	KWHR Meter Box with meter support and fixing screws - 450x300x170mm	\$299.38
Mi2310	KWHR Meter Box with meter support and fixing screws - 450x300x214mm	\$322.74
Mi2400	KWHR Meter Box with additional DIN rail - 600x300x170mm	\$391.82
Mi2410	KWHR Meter Box with additional DIN rail - 600x300x214mm	\$422.41
Mi2800	KWHR Meter Box suitable for 3 meters with additional DIN rail - 600x600x170mm	\$844.89

EXTENSION FRAMES



MiZR4	Extension Frame for Mi 0400, Mi 0401, Mi 0410 & Mi 04011 - 85mm extension	\$137.07
MiZR8	Extension Frame for Mi 0800 & Mi 0801 - 85 mm extension	\$283.51

JOINING KITS AND ACCESSORIES



MiWD2	Wall Gasket Joining Kit	\$11.24
MiWT1	Wall Separator Joining Kit	\$33.34
MiZS20	Hinge Kit - light duty	\$60.68
MiZS30	Hinge Kit - special fitting required	\$66.40
MiZS40	Heavy Duty Hinge Kit for all enclosure sizes *	\$214.64
MiZS60	Heavy Duty Hinge Kit for enclosures with extension frames Mi ZR4 or Mi ZR8 *	\$227.26
AS-12	MCB Cover Strip - 12 way	\$8.29
MiAL40	External Mounting Brackets	\$37.69
MiSN4	Hand Operator Set of 4	\$2.26
MiPL2	Sealing Cap Part Set	\$6.47
MiZS11	Lid lock set type 1	\$46.32
MiZS12	Lid lock set type 2	\$46.32
MiBZ11	Flat headed screw 11mm long	\$0.29
MiBZ13	Flat headed screw 13mm long	\$0.32

**Note: Wall Connectors or Flange Plates are necessary for assembly*

HINGED FLAPS



MiKL6	Mi Hinged Flap Kit - 6 modules wide	\$23.80
MiKL12	Mi Hinged Flap Kit - 12 modules wide	\$42.59
MiBS6	Protection Cover for the MiKL6	\$20.04
MiBS12	Protection Cover for the MiKL12	\$42.69
MiSK01	Hinged Flap Lock - suitable for both MiKL12 & MiKL6 Products	\$43.27
NZKL54	Mi Hinged Flap Kit - large version	\$185.71

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MI PROTECTION COVERS

The Mi System Protection Covers are fixed behind enclosures with clear lids.

They are ideal for display product and control product that needs to have the additional IP65 protection that the clear lid provides.

COVER PLATES



MiEP91	Protection Cover for mounting of equipment in Mi0100 enclosures	\$67.77
MiEP92	Protection Cover for mounting of equipment in Mi0200 enclosures	\$83.00
MiEP93	Protection Cover for mounting of equipment in Mi0300 enclosures	\$100.17
MiEP94	Protection Cover for mounting of equipment in Mi0400 enclosures	\$108.35

PVC MOUNTING PLATES



MiMP1	Mounting Plates - 259 x 115 mm	\$15.58
MiMP2	Mounting Plates - 265 x 265 mm	\$25.96
MiMP3	Mounting Plates - 265 x 415 mm	\$36.35
MiMP4	Mounting Plates - 265 x 565 mm	\$46.74
MiMP6	Mounting Plates - 415 x 565 mm	\$59.48
MiMP8	Mounting Plates - 565 x 565 mm	\$72.73

FLANGE PLATES



MiFP15	Flange Plate - Plain - 150 x 25 mm	\$38.19
MiFM15	Flange Plate - with knockouts - 150 x 25 mm	\$38.19
MiFP20	Flange Plate - Plain - 300 x 25 mm	\$55.04
MiFM25	Flange Plate - with knockouts - 300 x 25 mm	\$31.77
MiFM32	Flange Plate - with knockouts - 300 x 25 mm	\$31.77
MiFM50	Flange Plate - with knockouts - 300 x 25 mm	\$79.83
MiFM63	Flange Plate - with knockouts - 300 x 25 mm	\$79.83
MiFP38	Flange Plate - IP65 Integrated Glands - 300 x 25 mm	\$84.81
MiFP82	Flange Plate - 70mm O/D cables - 300 x 25 mm	\$231.58
MiBF44	IP44 Ventilation Flange for vertical installation on Mi Boxes	\$156.12
MiZE62	Cable Strain Relief	\$142.83

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BUSBAR SUPPORTS



MiST25 250 Amp 5 Pole Busbar support set \$9.05

MiST41 400 Amp 5 Pole Busbar support set \$9.37

MiST63 630 Amp 5 Pole Busbar support set \$9.99



MiSS22 Hensel Mi Busbar - 12x5mm - 2400mm length \$226.61

MiSS25 Hensel Mi Busbar - 12x10mm - 2400mm length \$251.55

MiSS40 Hensel Mi Busbar - 20x10mm - 2400mm length \$354.42

MiSS45 Hensel Mi Busbar - 25x10mm - 2400mm length \$443.62

MiSS63 Hensel Mi Busbar - 30x10mm - 2400mm length \$531.97

MiS0603 Locking part used only in Mi ST 63 system with 10 mm busbars \$11.25

DIN RAILS



MiTS30 Din Rail - 284mm long \$7.68

MiTS45 Din Rail - 434mm long \$10.74

MiTS60 Din Rail - 584mm long \$13.82



MiDS25 Din Rail Spacers - 25mm high \$8.29

MiDS50 Din Rail Spacers - 50mm high \$13.74

MI CONNECTION BOX



MiCB10 Connection Box - for installation of devices such as plugs and switches \$108.64

MI CANOPY - POWDER COATED STEEL



MiDB15 Canopy for Box size 150mm with fixing wedges & seal \$76.10

MiDB30 Canopy for Box size 300mm with fixing wedges & seal \$111.60

MiDB01 Canopy End Plates for MiDB15 & MiDB30 \$43.99



ENYGUIDE:

The Enyguide configurator supports project engineering for the Mi switchboard system. This easy to use 3D design tool assists Electricians, Engineers and Electrical Wholesalers with the design of Mi Switchboards.

PRODUCT MOVIES:

On the Hensel website there are many product movies including a very informative Mi Switchboard assembly video.

