

Insulation Piercing Connectors

Dulmison, through its partnership with Michaud in France, provide a comprehensive range of Insulation Piercing Connectors - IPC's. Michaud's dedication to product quality and technical performance makes them a market leader in the manufacture of IPC's - worldwide.

The range of Michaud IPC products available include;

- Insulated Mains to Insulated Mains
- Insulated Mains to Insulated Service
- Bare Mains to Insulated Mains
- Bare Mains to Insulated Service
- 2 Stage Connectors, for Live Line Connections
- Insulated Mains to Multiple Insulated Service
- Short Circuiting - Test



Features of all Michaud IPC's are;

- Insulated types suit both Aluminium and Copper Cables - Bi-Metallic
- Conform to the requirements of AS/NZS4396
- Plastic Components are UV Stabilized Glass reinforced Polymer
- All Fasteners are Stainless Steel
- All Connections are made using Torque controlled Shear Off screw
- Connectors are completely water tight to prevent corrosion
- Di-electric Strength in water is over 6kV
- Flexible End sealing caps
- Fastener thread is shielded from cable area, to eliminate cable damage whilst tightening
- Bare connections are made through contact plates compatible to conductor type
- Permanently engraved with Traceability information
- Clearly labelled with Application ranges.

Please see the following pages for full details of available products.

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Web www.gvk.com.au
Email sales@gvk.com.au
Phone 03 9312 6633
Fax 03 9312 6433

Low Voltage ABC Fittings

Insulation Piercing Connectors

Insulated cable to insulated cable (Aluminium or Copper)

Cat No.	Fig No.	Cable Range 1 mm ²	Cable Range 2 mm ²	No. of Bolts	Shear Head A/F mm
K440	1	10 - 95	1.5 - 6	1	13
K441	1	25 - 95	6 - 35	1	13
K442	1	35 - 150	1.5 - 25	1	13
K443	1	35 - 150	6 - 35	1	13
K445	1	25 - 95	25 - 95	1	17
K446	2	50 - 150	50 - 150	2	17



Fig. 1



Fig. 2

Bare cable to insulated (Aluminium or Copper) cable

Cat No.	Fig No.	Bare Cable Material	Bare Cable Size mm ²	Insulated Cable Size mm ²	No. of Bolts	Shear Head A/F mm	Type of Piercing Connection
K470	3	Copper	7 - 95	6 - 35	1	13	Standard
K472	4	Copper	7 - 120	25 - 95	1	17	Standard
K474	5	Copper	50 - 240	35 - 150	2	17	Standard
K471	3	Aluminium	7 - 95	35 - 150	1	13	Standard
K473	4	Aluminium	7 - 120	25 - 95	1	17	Standard
K475	5	Aluminium	50 - 240	50 - 150	2	17	Standard
K235	6	Copper	7 - 95	6 - 35	1	13	Two Stage*
K236	6	Aluminium	7 - 95	6 - 35	1	13	Two Stage*

* Two Stage IPC's, are able to be installed whilst conductor is under load, up to max of 100A.



Fig. 3



Fig. 4



Fig. 5



Fig. 6

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Insulated cable to multiple insulated cables (Aluminium or Copper)

Cat No.	Fig No.	Cable Range 1 mm ²	Cable Range 2 mm ²	No. of Taps	No. of Bolts	Shear Head A/F mm
K390	1	35 - 150	6 - 25	2	1	13



Fig. 1

Insulated cables (Aluminium or Copper) - Short circuiting - Test

Cat No.	Fig No.	Cable Range 1 mm ²	Cable Range 2 mm ²	No. of Bolts	Shear Head A/F mm
K362	2	16 - 25	16 - 25	1	13
K363	2	35 - 70	16 - 70	1	13
K364	2	54 - 150	16 - 150	1	13

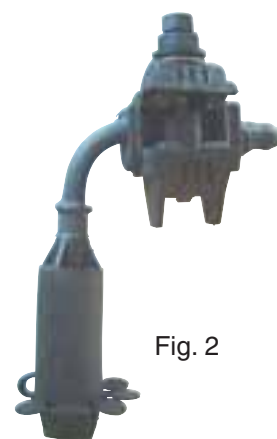


Fig. 2

Flexible End Caps

Cat No.	Fig No.	Length mm ²	Cable Entry Dia. mm	Application Range mm ²
K01	3	32	7	10 - 50
K02	3	40	10.5	35 - 95
K03	3	50	13	95 - 150



K01



K02



K03

Fig. 3

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Fax 03 9312 6433