Specification
GCLAMP/F
Fused Drummond G Clamp



The Drummond G Clamp makes connecting to bus bars straight forward. The clamp-on design eliminates the need to drill bus bars and makes for a much safer reliable connection via a standard 4 mm socket.

Ideal for connecting power monitoring and measuring equipment, the new colour coded clamps make phase identification easy. The insulated materials reduce the hazard to the operator and the spring loaded contact pin and locking ring ensure reliable results throughout extended logging periods.

The G Clamp can be tightened by hand when wearing PPE gloves, eliminating the need to use tools in the bus bar chamber.

They are available in Brown, Black and Grey. The standard fused version is supplied with a replaceable 0.5A fuse within the clamping screw providing protection at the source. Other fuse ratings are available on request.

Available individually and in 3 phase connection kit sets including a blue unfused G clamp for the neutral connection which requires 25mm less clearance in front of the bus bar.

Individual G clamps
DRUGCLAMP/F0.5/BK (Fused 0.5A Black)
DRUGCLAMP/F0.5/BR (Fused 0.5A Brown)
DRUGCLAMP/F0.5/GY (Fused 0.5A Grey)
DRUGCLAMP/BL (Unfused Blue)

Connection Kit 1
GCK/F/KIT1
Set of four G Clamps, black, brown, grey fused and blue unfused.

Connection Kit 2
GCK/F/KIT2
Set of four G clamps black, brown, grey fused and blue unfused with 4m heavy duty colour coded CATIV test leads. The leads are terminated with 45 degree 4mm safety plugs at both ends.

ELECTRICAL SPECIFICATIONS
Applied electrical contact force: 40N +/- 5N
Maximum working voltage: 600V AC
Maximum working current: 10A

GENERAL SPECIFICATIONS
Temperature & Humidity:
Operating: -15°C to 60°C ≤ 80% R.H.
Storage: -15°C to 60°C ≤ 80% R.H.
Altitude: up to 2000m

Dimensions
Length behind bus bar: 12mm
Length in front of bus bar: 87mm (+ 35mm as minimum allowance for 4mm plug)
Height above top of bus bar: 14mm
Width: 50mm for locking ring nut
Clearance: Required to withdraw fuse holder 75mm

Bus bar
Suitable for rectangular bus bar ONLY. Not suitable for round conductor.
Minimum Bar width: 20mm
Minimum bar thickness: 4mm
Maximum bar thickness: 26mm

Materials
Nylon 66, reinforced with 13% glass fibre.
Flammability: V2
Brass contact pin

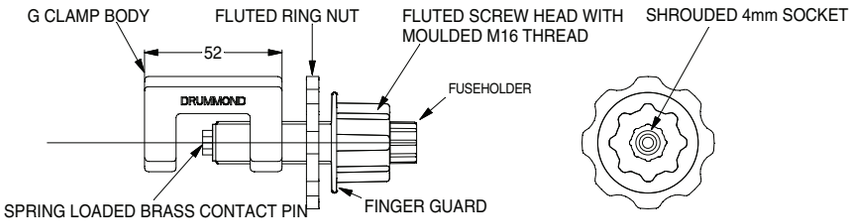
Safety
Conforms to BS EN61010
Installation Overvoltage Rating CAT IV 600V
Pollution Degree: 2
IP rating: IP40
Fuse: 6.35 x 32mm 600V 0.5A HBC
For enhanced safety, the fuse is fully recessed inside the fuse holder until the fuse holder is withdrawn.

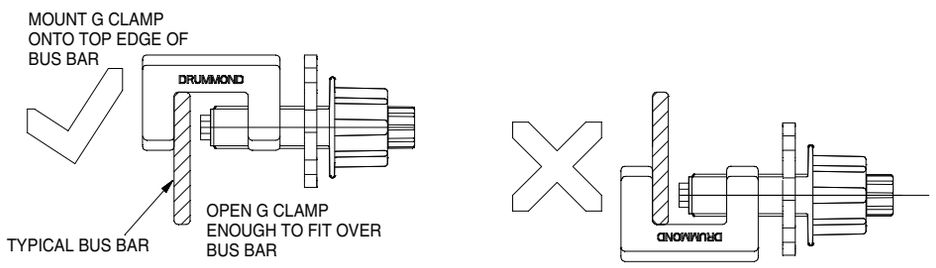
RISK ASSESSMENT IS REQUIRED BEFORE INSTALLATION.

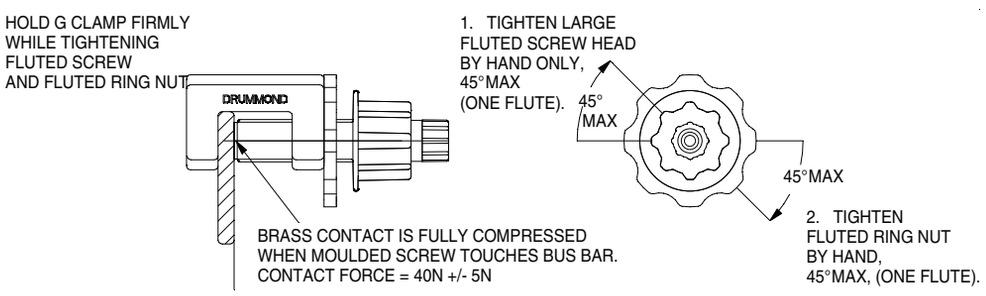
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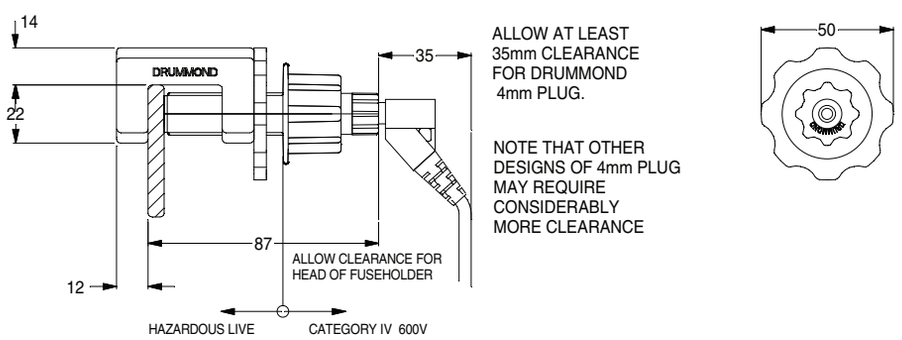
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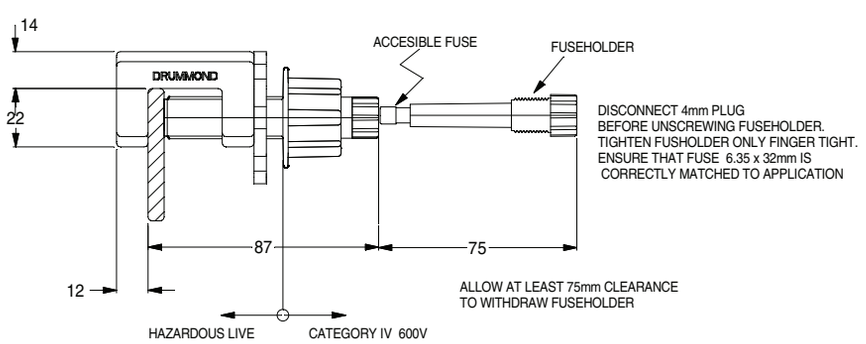
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