

Drummond G-Clamps simplify bus bar connections with a clamp-on design. Ensuring a safe and reliable connection through a standard 4mm socket, the fluted head of the moulded screw include a 4mm shrouded socket. The connection is suitable for up to 10A continuous use at 600V AC, with the appropriate rating of the 4mm plug and lead.

The G-Clamp's fluted grip allows manual tightening without tools in the bus bar chamber. It is ideal for connecting power monitoring and measuring equipment, with colour-coded clamps for easy phase identification. The insulated materials reduce hazards, and the spring-loaded contact pin and locking ring ensure reliable results during extended logging or permanent monitoring.

The standard fused version has a replaceable 500mA fuse in the clamping screw for source protection. Unfused versions are also available. Different colour combinations can be requested.

Inline fuses, custom lead sets, lengths, and terminations can be provided. Alternative fuse ratings are also available.

### Key features

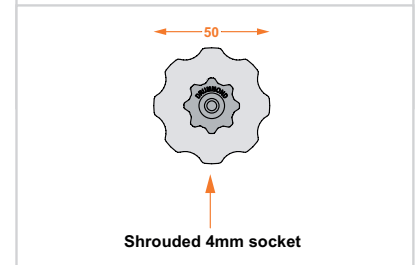
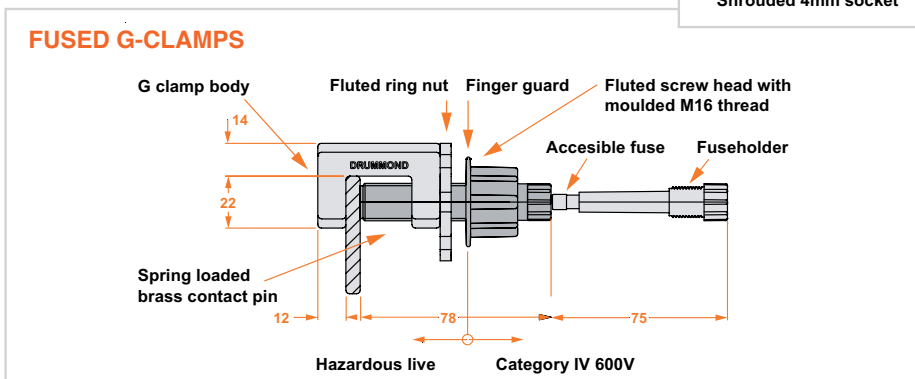
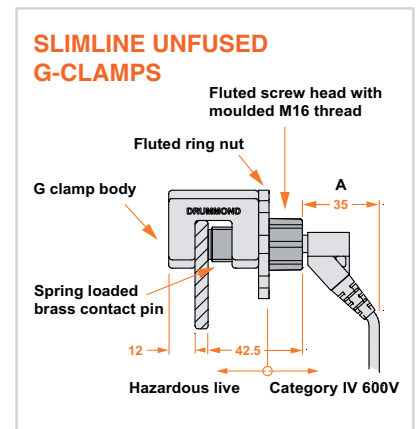
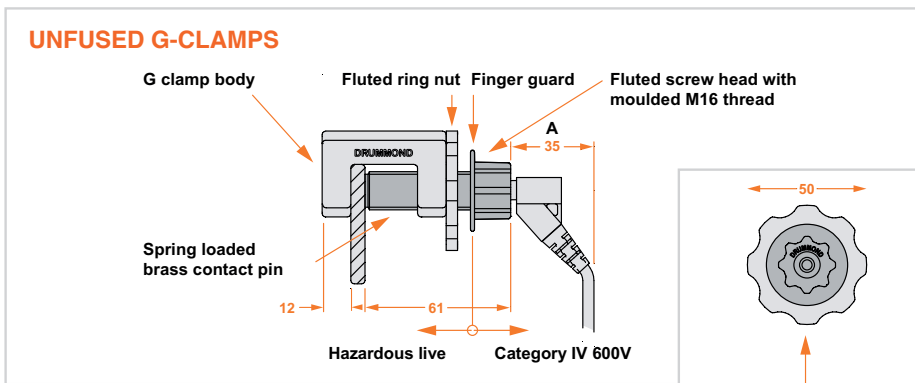
- Fused at point of contact (Fused G-clamps)
- No need for tools
- Spring loaded contact pin and locking ring
- 4mm socket termination
- Colour coded for phase identification



Clamps						
Brown - BR	Black - BK	Grey - GY	Blue - BL	White - WH	Red - RD	Green - GN
Fused 0.5A						
GCLAMP-F0.5-BR	GCLAMP-F0.5-BK	GCLAMP-F0.5-GY	GCLAMP-F0.5-BL	GCLAMP-F0.5-WH	GCLAMP-F0.5-RD	
Unfused						
GCLAMP-BR	GCLAMP-BK	GCLAMP-GY	GCLAMP-BL	GCLAMP-WH	GCLAMP-RD	GCLAMP-GN
Unfused slimline						
GCLAMP-BR-S	GCLAMP-BK-S	GCLAMP-GY-S	GCLAMP-BL-S			

Kits						
Brown - BR	Black - BK	Grey - GY	Blue - BL	White - WH	Red - RD	Green - GN
DRUGCK-F-KIT1						
✓ Fused	✓ Fused	✓ Fused	✓ Unfused			
DRUGCK-F-KIT2						
✓ Fused & lead	✓ Fused & lead	✓ Fused & lead	✓ Unfused & lead			
DRUGCK-KIT3						
✓ Unfused	✓ Unfused	✓ Unfused	✓ Unfused			
DRUMP25PX2-4M-SET Set of 4 x 4m, double-insulated silicone, CAT IV test leads, terminated with 45° 4mm safety plugs (both ends)						
✓ Lead	✓ Lead	✓ Lead	✓ Lead			

FUNCTION	Fused G clamps	Unfused G clamps	Slim Unfused G Clamps
<b>ELECTRICAL</b>			
Applied electrical contact force		40N +/- 5N	
Maximum working voltage		600V AC	
Maximum working current		10A	
<b>GENERAL</b>			
<b>Dimensions</b>			
Length behind bus bar		12mm	
Length in front of bus bar	87mm	61mm	42.5mm
	(+ 35mm as minimum allowance for 4mm plug)		
Height above top of bus bar	14mm		
Width	50mm for locking ring nut		
Clearance in front of bus bar	Required to withdraw fuse holder 75mm	N/A	
Materials	Nylon 66, reinforced with glass fibre		
<b>ENVIRONMENTAL</b>			
Temperature (Operating & Storage)	-15°C to 60°C ≤ 80% R.H.		
Altitude	up to 2000m		
Pollution degree	2		
IP rating	IP40 (with connector in mated position).		
<b>SAFETY</b>			
Conforms to	BS EN 61010-031:2015, CAT IV 600V		
Fuse (standard)	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.		



Disconnect 4mm plug before unscrewing fuseholder. Tighten fuseholder only finger tight. Ensure that the fuse (6.35 x 32mm) is correctly matched to application. Allow at least 75mm clearance to withdraw fuseholder for fused clamps, and allow at least 35mm on unfused clamps.

Note that other designs of a 4mm plug may require considerably more clearance.

Risk assessment is required before installation.

A. Alternative Drummond right angled plugs makes distance A=13mm

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#### Ver. E1.1

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