

# CLY 250 20817

## Static Discharge Stick

### Data Sheet



The Clydesdale Static Discharge Stick (CLY 250 20817) is designed to safely remove the static charge from equipment after de-energising. This grounding tool is pre-assembled and includes a copper 'U' hook mounted on a 4' closed cell foam filled tubular fibreglass switch stick made in accordance with ASTM F711 and compliant with IEC 855. The copper grounding cable standard length is 6', however, longer lengths can be specified on request. The cable is attached to a Clydesdale 1814 flat jaw grade 3 bronze serrated grounding clamp with strain relief sleeve. A 1' switch stick version (CLY 250 22629) is also available with universal attachment for switch stick mounting.



Static Discharge Stick



Static Discharge Stick w/ Universal Attachment



Foam Filled Hot Stick

Part Number	Cable Length		Stick Length		Stick Weight	
	ft.	m	ft.	m	lbs.	kgs
CLY 250 20817	6	1.8	3'8"	1.08	8	3.6
CLY 250 22629	6	1.8	1'	0.3	0.38	0.17



The grounding cable is constructed from extra flexible strands of soft drawn copper giving a diameter of 8.9mm with a withstand RMS current at 60Hz of 14,500A for 15 cycles, 10,000A for 30 cycles and a continuous current rating of 200A RMS at 60Hz. The cable is jacketed with a yellow thermoplastic elastomer providing an excellent combination of flexibility, durability and economy with a service temperature range from 93 to -45°C. The resulting overall cable diameter is 12.7mm and overall weight is 127kg/1000ft.

The 0.8kg grounding clamp is designed such that the cable will not interfere with tightening of the clamp via the large 'T' handle. The flat jaw design maximises the current path surface area to reduce resistance as far as possible. A strain relief sleeve is incorporated to reduce strain on the cable at the connection to the clamp, thereby increasing the life of the discharge stick. The clamp has a continuous current rating of 300A RMS at 60Hz and a withstand current rating of 26kA at 60Hz for 30 cycles.



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