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**Grounding**

## **GS-100 Grounding Stud for the XS-100-B**



The XS-100-B block is designed to string distribution class conductors. When a situation requires the block to be grounded, the model GS-100 grounding stud can be used. The stud provides a continuous and positive ground during stringing operations. The GS-100 grounding stud has been tested by an independent lab at multiple amps and cycles with satisfactory performance. The results of these high current tests are available on the other side. The grounding stud is easily accessible for attaching or securing ground wire or clamp. The GS-100 can be retrofitted to any model XS-100-B with S&R field kit PN #188-010-01.

\* Dimensions, weights, capacities are approximate. Manufacturer's specifications subject to change without notice.

**Toll Free 1.800.251.7780**

**ISO 9001 Certified**





**GS-100 Grounding Stud for the XS-100-B**



**Results of High Current Tests on Sherman & Reilly Model GS-100 Grounding Stud**

Test Current (Sym. Amps)	Duration (Cycles)	Voltage Across Test Specimen	Generator Voltage (Volts)	General Comments
6789	29	34	71	No arcing, no noticeable damage.
12023	29	60	123	No arcing, no noticeable damage.
17143	27	21	175	No visible arcing, slight pitting on the aluminum roller (sheave).
28501	28-1/2	37	294	The roller was welded to the conductor, several strands of the conductor were damaged.
<i>Roller was turned so that a fresh surface was against the conductor for the next test.</i>				
36563	11-1/2	47, then 364	364	Fused conductor at stringing block, bearing is very rough and can not rotate 360 degrees.

Above are high current test results conducted by an independent lab with high performance subjected to ground fault currents in excess of \* 17,000 amps where ground continued to perform satisfactorily. Contact Sherman & Reilly, Inc. for any additional information.

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