

STANDOFF INSULATORS

Lab Tested to Assure Electrical Reliability



Meister International, LLC
Serving the needs of the Global Electric Power Industry



Eger Products offers high quality polyester UL recognized Standoff Insulators, panel board and switchboard accessories. Our molded insulators have closer height tolerances and higher shatter resistance when compared to ceramic insulators.

These standoff insulators are molded from UL recognized flame resistant fiberglass-reinforced thermoset polyester molding compound. Molded insulators have a higher heat resistance and a higher moisture resistance when compared to the regular plastic insulators.

Included in our product line: Panel and Switchboard Insulators, Center-Post Insulators, Apparatus Standoff Insulators, A Frame Insulators, and 5kV Standoff Insulators.

These insulators are intended for indoor use or inside a suitable enclosure.

The Eger Products insulator families are UL recognized panelboard and switchboard accessories. Standoff Insulators from Eger Products are molded from UL - recognized flame resistant fiberglass-reinforced thermoset polyester molding compound.

Insulator Families:

GINS-1461	GINS-2035
GINS-1603	GINS-2165
GINS-1872	GINS-3061
GINS-2015	GINS-4610
GINS-2017	GINS-4640

Molded Insulators have a higher resistance to heat and moisture when compared to regular plastic insulators. These molded insulators also have closer height tolerances and higher shatter resistance when compared to ceramic insulators.

Voltage Rating

These standoff insulators should be used for indoor service. Insulators mounted within a suit

able electrical cabinet are considered indoors even though the cabinet itself may be outdoors. Industry standards or other specifications may require a different spacing from conductor to ground for a particular voltage; however, an insulator will withstand its rated voltage.

UL Recognition

All standoff insulators from Eger Products are molded from UL recognized molding materials (UL File E354884)

All of the molding materials used in our insulators have a generic Relative Thermal Index of 130°C Electrical/130°C Mechanical. Insulator families below are UL recognized according to UL891.

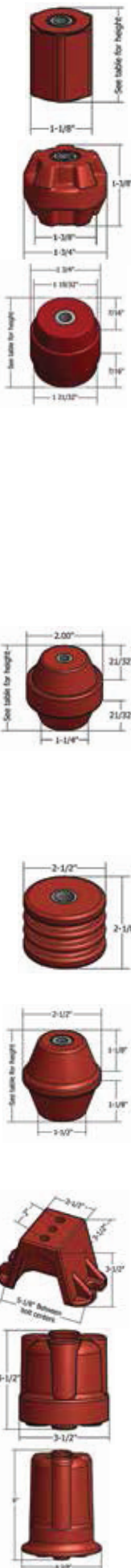
GINS-1461	GINS-2035
GINS-1603	GINS-2165
GINS-1872	GINS-3061
GINS-2015	GINS-4610
GINS-2017	GINS-4640

SPECIFICATIONS BY FAMILY

Key Characteristics	Unit	GINS 2165	GINS 1603	GINS 3061	GINS 2015/17	GINS 1461	GINS 1872	GINS 2035	GINS 4610	GINS 4640
Tensile Strength	lb	1,000	2,000	2,000	2,000	3,000	2,500	2,500	3,000	5,000
Cantilever Strength	inch lbs	400	1,500	890	1,750	3,500	3,000	3,600	6,000	10,000
Compression Strength	lbs	8,000	20,000	20,000	20,000	60,000	25,000	25,000	20,000	20,000
Torque Strength	ft lbs	12	25	30	35	35	35		30	30
Arc Resistance	sec	180	180	180	180	180	180	180	180	180
Flame Resistance	UL94	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0	V-0
Height Tolerance	in	+0.015	+0.015	+0.015	+0.015	+0.015	+0.015	+0.015	+0.015	+0.015
Track Resistance	minutes	600	600	600	600	600	600	600	600	600
Creep Distance	in	H	1.625	H+0.25	H+0.25	3.25	H+0.3125	3.5	3.6875	7
Basic Impulse Level	V	n/a	n/a	n/a	n/a	n/a	n/a	n/a	60,000	95,000

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Product#	Height	Thread Size	Voltage	Box QTY.	Glastic™	Mar-Bal™	PENN™
GINS-2165-1 A	1"	1/4-20 x 5/16 deep	600	500	2165-1A	1100-A1	AR 5612-20A
GINS-2165-3A	25mm	M6-1	600	500	2165-3A		
GINS-2165-5A	25mm	M6-1	600	500	2165-5A		
GINS-2165-1B	1.25"	1/4-20 x 5/16 deep	600	500	2165-1B	1125-A 1	AR 5612-20B
GINS-2165-3B	32mm	M6-1	600	500	2165-3B	1125-A 1	
Product#	Height	Thread Size	Voltage	Box QTY.	Glastic™	Mar-Bal™	PENN™
200 1603-2A	1.375"	3/8-16 x 3/8 deep	600	200	1603-2A	2137-A4	NT 3061-16A
Product#	Height	Thread Size	Voltage	Box QTY.	Mar-Bal™	PENN™	
GINS-3061-1A	1.375"	1/4-20X 1/4deep	600	Contact Us		AR-3061-20A	
GINS-3061-3A	1.375"	3/8-16 x 5/16 deep	600	Contact Us	R2137-A4/S4	AR-3061-16A	
GINS-3061-1B	1.5"	1/4-20x 1/4deep	1,500	Contact Us		AR-3061-20B	
GINS-3061-2B	1.5"	5/16-18x9/16deep	1,500	Contact Us	R4150-A3/S3	AR-3061-18B	
GINS-3061-3B	1.5"	3/8-16 x 5/16 deep	1,500	Contact Us	R4150-A4/S4	AR-3061-16B	
GINS-3061-3C	1.75"	3/8-16 x 9/16 deep	2,000	Contact Us	R4175-A4/S4	AR-3061-16C	
GINS-3061-4C	1.75"	1/2-13 x9/16deep	2,000	Contact Us		AR-3061-13C	
GINS-3061-3D	2"	3/8-16 x 9/16 deep	2,300	Contact Us	R4200-A5/S5	AR-3061-16D	
GINS-3061-4D	2"	1/2-13 x9/16deep	2,300	Contact Us		AR-3061-13D	
GINS-3061-3E	2.125"	3/8-16 x 9/16 deep	2,300	Contact Us			
GINS-3061-3F	2.25"	3/8-16 x 9/16 deep	2,700	Contact Us	R4225-A5	AR-3061-16E	
GINS-3061-4F	2.25"	1/2-13 x9/16deep	2,700	Contact Us		AR-3061-13E	
GINS-3061-5F	2.25	5/8-11 x 5/8 deep	2,700	Contact Us		AR-3061-11E	
GINS-3061-3G	2.5	3/8-16x9/16 deep	2,700	Contact Us		AR-3061-16F	
GINS-3061-3H	2.75	3/8-16x9/16 deep	2,700	100		AR-3061-16G	
Product#	Height	Thread Size	Voltage	Box QTY.	Glastic™	Mar-Bal™	PENN™
GINS-2015-1 A	1.5"	1/4-20x 1/2 deep	1,500	150	2015-1A	4150-A2/S2	AR 3061-20B
GINS-2015-2A	1.5"	5/16-18x 7/16 deep	1,500	150	2015-2A	4150-A3/S3	AR 3061-16B
GINS-2015-3A	1.5"	3/8-16 x 3/8 deep	1,500	150	2015-3A	4150-A4/S4	
GINS-2015-2B	1.75"	5/16-18x 7/16 deep	2,000	150	2015-2B	4175-A3/S3	AR 3061-16C
GINS-2015-3B	1.75"	3/8-16 x 3/8 deep	2,000	150	2015-3B	4175-A4/S4	
GINS-2015-2C	2"	5/16-18x 7/16deep	2,300	150	2015-2C	4200-A3/S3	AR 3061-16D
GINS-2015-3C	2"	3/8-16 x 9/16 deep	2,300	150	2015-3C	4200-A5/S5	AR 3061-13D
GINS-2015-4C	2"	1/2-13 x 5/8 deep	2,300	150	2015-4C	4200-A6/S6	
GINS-2015-3D	2.25"	3/8-16 x 9/16 deep	2,700	150	2015-3D	4225-A5/S5	AR 3061-16E
GINS-2015-4D	2.25"	1/2-13 x 5/8 deep	2,700	150	2015-4D	4225-A6/S6	AR 3061-13E
GINS-2017-2A	38mm	M8-1.25	1,500	150	2017-2A	R4150-B3	
GINS-2017-2C	50mm	M8-1.25	2,300	150	2015-4J	4200-A3	AR 3061-16D
GINS-2017-3C	50mm	M1 0-1.25	2,300	150	2017-3C	4200-B4	
Product#	Height	Thread Size	Voltage	Box QTY.	Glastic™	Mar-Bal™	PENN™
GINS-1461-1 A	2.125"	3/8 x 9/16 deep	2,500	100	1461-1 A	3213-A5/S5	
GINS-1461-1 B	2.125"	1/2-13 x 5/8 deep	2,500	100	1461-1 B	3213-A6/S6	
GINS-1461-1 C	2.125"	5/8-11 x 5/8 deep	2,500	100	1461-1 C	3213-S8	
Product#	Height	Thread Size	Voltage	Box QTY.	Glastic™	Mar-Bal™	PENN™
GINS-1872-1 A	2.5"	3/8-16 x 9/16 deep	3,200	100	1872-1A	5250-A5/S5	AR 2781-16A
GINS-1872-2A	2.5"	1/2-13 x 5/8 deep	3,200	100	1872-2A	5250-A6/S6	AR 2781-13A
GINS-1872-3F	2.625"	5/8-11 X 11/16deep	3,400	100	1872-3F	5263-A8/S8	
GINS-1872-1 B	2.75"	3/8-16 x 9/16 deep	3,600	100	1872-1B	5275-A5/S5	AR 2781-16B
GINS-1872-2B	2.75"	1/2-13 x 5/8 deep	3,600	100	1872-2B	5275-A6	AR 2781-13B
GINS-1872-1 C	3"	3/8-16 x 9/16 deep	4,100	Contact Us	1872-1C	5300-A5/S5	AR 2781-16C
GINS-1872-2C	3"	1/2-13 x 5/8 deep	4,100	Contact Us	1872-2C	5300-A6/S6	AR 2781-13C
GINS-1872-1 D	3.25"	3/8-16 x 9/16 deep	4,500	Contact Us	1872-1D	5325-A5/S5	AR 2781-16D
GINS-1872-2D	3.25"	1/2-13 x 5/8 deep	4,500	Contact Us	1872-2D	5325-A6	AR 2781-16D
GINS-1872-1 E	3.5"	3/8-16 x 9/16 deep	5,000	Contact Us	1872-1E	5350-A5/S5	AR 2781-16E
GINS-1872-2E	3.5"	1/2-13 x 5/8 deep	5,000	Contact Us	1872-2E	5350-A6/S6	AR 2781-13E
GINS-1872-3E	3.5"	5/8-11 x 11/16 deep	5,000	Contact Us	1872-3E		
Product#	Height	Thread Size	Voltage	Box QTY.	Glastic™	Mar-Bal™	PENN™
GINS-2035-1A	3.5"	2" Bolt Circle	5,000	36	2035-1A		
Product#	Height	Thread Size	Voltage	Box QTY.	Glastic™	Mar-Bal™	PENN™
GINS-4610-15	3.5"	3/8-16 x 9/16 deep 2" BoltCircle4x2	5,000	36	4610-15	6350-S10 4x2	NT 5404-16A
GINS-461 0-81	3.5"	3/8-16 x 9/16 deep 2" BoltCircle4x4	5,000	36	4610-81	6350-S10 4x4	
Product#	Height	Thread Size	Voltage	Box QTY.	Glastic™	Mar-Bal™	PENN™
GINS-4640-81	6"	3/8-16 x 9/16 deep 2" Bolt Circle 4x4	15,000	20	4640-81	6600-S10 4x4	NT 5420-16A
GINS-4640-15	6"	3/8-16 x 9/16 deep 2" BoltCircle4x2	15,000	20	4640-15	6600-S10 4x2	

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