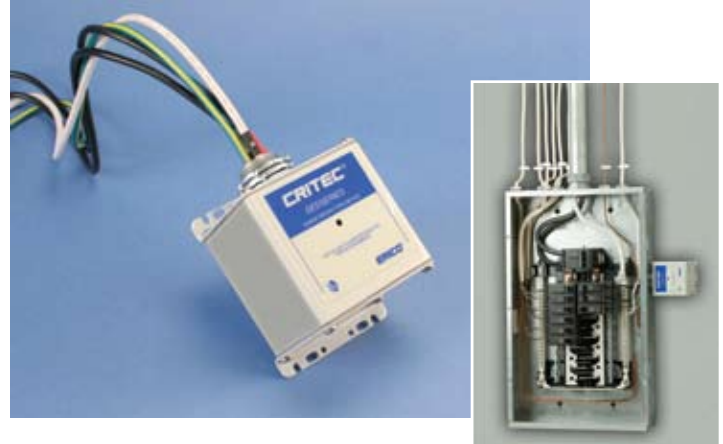


### Features

- Compact NEMA-4 enclosure design can be flush mounted or installed in a small space
- LED status indication flag for status monitoring
- 120/240 VAC operating voltage suits the most common power distribution system for residential or small commercial buildings
- 40 kA 8/20  $\mu$ s maximum surge rating per phase provides protection suitable for UL96A Master Label installations
- CE mark and UL1449 Listed



Lightning transients and surges are a major cause of expensive electronic equipment failure and business disruption. Damage to computers, data and communications may occur, as well as a loss of revenue and profits. The SES40 Service Entrance Suppression, a CRITEC® product, part of the ERITECH® line of Facility Electrical Protection products from ERICO®, is designed to protect sensitive electronics at the service entrance for residential or light commercial service panels.

This economical unit is designed for 120/240 VAC power systems and provides surge protection totaling 80 kA 8/20  $\mu$ s total, or 40 kA per phase. The SES40 is UL® Listed as a Type 1 device. It offers a simple and hassle-free installation for protection on the line side or load side of the service panel, without additional external protection being required by circuit breakers or fuses.

<b>Model</b>	SE540120/240
<b>Nominal System Voltage, Un</b>	120/240 V
<b>Distribution System</b>	2Ph 2W+G
<b>Max Cont. Operating Voltage, Uc</b>	170/340 VAC
<b>Frequency</b>	50/60 Hz
<b>Max Discharge Current, I(max)</b>	40 kA 8/20 $\mu$ s
<b>Nominal Discharge Current, In</b>	20kA 8/20 $\mu$ s
<b>Protection Modes</b>	L-G
<b>Technology</b>	MOV with thermal disconnect
<b>Short Circuit Current Rating, Isc</b>	200 kAIC (Isc)
<b>Voltage Protection Level (8/20<math>\mu</math>s)</b>	700 V @ 3 kA 1.2 kV @ 20 kA
<b>Status</b>	LED indicator
<b>Dimensions H x D x W: mm (in)</b>	153 x 78 x 84.00 (6.02 x 3.07 x 3.31)
<b>Weight: kg (lbs)</b>	0.7 (1.54)
<b>Enclosure</b>	Aluminum, IP 65 (NEMA-4)
<b>Connection</b>	Line: 600 mm of 5.26 mm <sup>2</sup> (24" of # 10 AWG) flying leads Neutral/Ground: 900 mm of 5.26 mm <sup>2</sup> (36" of # 10 AWG) flying leads
<b>Mounting</b>	3/4" straight nipple
<b>Temperature</b>	-40°C to 80°C (-40°F to 176°F)
<b>Humidity</b>	0% to 90%
<b>Approvals</b>	CE, UL® 1449 Ed. 3 Listed Type 1
<b>Surge Rated to Meet</b>	ANSI®/IEEE® C62.41-1991 Cat A, Cat B, Cat C ANSI®/IEEE® C62.41.2 Scenario II, Exposure 2, 50 kA 8/20 $\mu$ s EC 61643-1 Class II UL® 1449 Ed. 3 In 20 kA mode

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#### WARNING

ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at [www.erico.com](http://www.erico.com) and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

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