1. Objective

Due to the current COVID-19 pandemic, the supply for Class A Surge Arresters SC20750 (EGX) / SC701082 (EE) has been disrupted globally. Stock levels for these items are now critically low in EQL.

2. Introduction

During the last Surge Arrester tender, EQL made the decision to move from Class C to Class A. While Class C provides adequate protection, Class A provides additional protection for bushfire prone regions. Due to current COVID-19 supply issue, a batch of Class C Surge Arresters from the last contract will be temporarily supplied in place of Class A for SC20750 / SC701082. This is expected to be temporary only and not expected to be an issue as the majority of the network still uses Class C surge arresters.

3. Interim Arrangement

In the meantime, SC 2403488 (EE) / 15762 (EGX) Class A Surge Arresters can be used in place of SC20750 / SC701082 to alleviate the current supply issue, with the following exceptions:

- For Energex: SC 15762 can be used in all constructions other than OH/UG terminations. SC 20750 is to be used for OH/UG terminations (more detail below).
- For Ergon: SC 2403488 can be used as a direct replacement for SC701082.

![Figure 1: SC2403488 (EE) / SC15762 (EGX) - note they are identical across EE & EGX.](image)

**NOTE**

SC 701082 and SC 15762 are not supplied with the leads and lugs. A minimum of 16 sqmm lead are to be used with lugs to suit.
3.1 Energex

3.1.1 SC 15762

The replacement Class A Surge Arrester SC 15762 with the fixed bird cap can be used in all applications except for the OH/UG termination arrangement (figure 4). This is due to the tunnel in the fixed bird cap being unable to use with copper connector bar SC10381. Construction is as shown in Figure 2 & 3 as per the Energex OH construction manual Section 1 Pages 252 & 271.

![Figure 2](image1)

![Figure 3](image2)

![Figure 4](image3)

**WARNING** Do not use this for UG/OH termination arrangement

3.1.2 SC 20750

SC20750 shall be used where a connector bar SC10381 is used. The Energex construction is as per Section 1 Page 271 of the Energex OH construction manual.

**NOTE** SC20750 is to be used in transition arrangement of UG and OH construction where a connector bar SC 10381 is used.
3.2 Ergon (All regions)

- **SC 2403488** can be used as a direct replacement for **SC 701082** for all arrangements.
- For pole termination arrangement refer to existing Ergon UDCM page 540.

4. Update to Manuals

Update to the manuals are not required due to this being a temporary arrangement only.

5. Further Information

Once normal supply is restored, further updates to this alert will be released.

For further information, please contact:

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