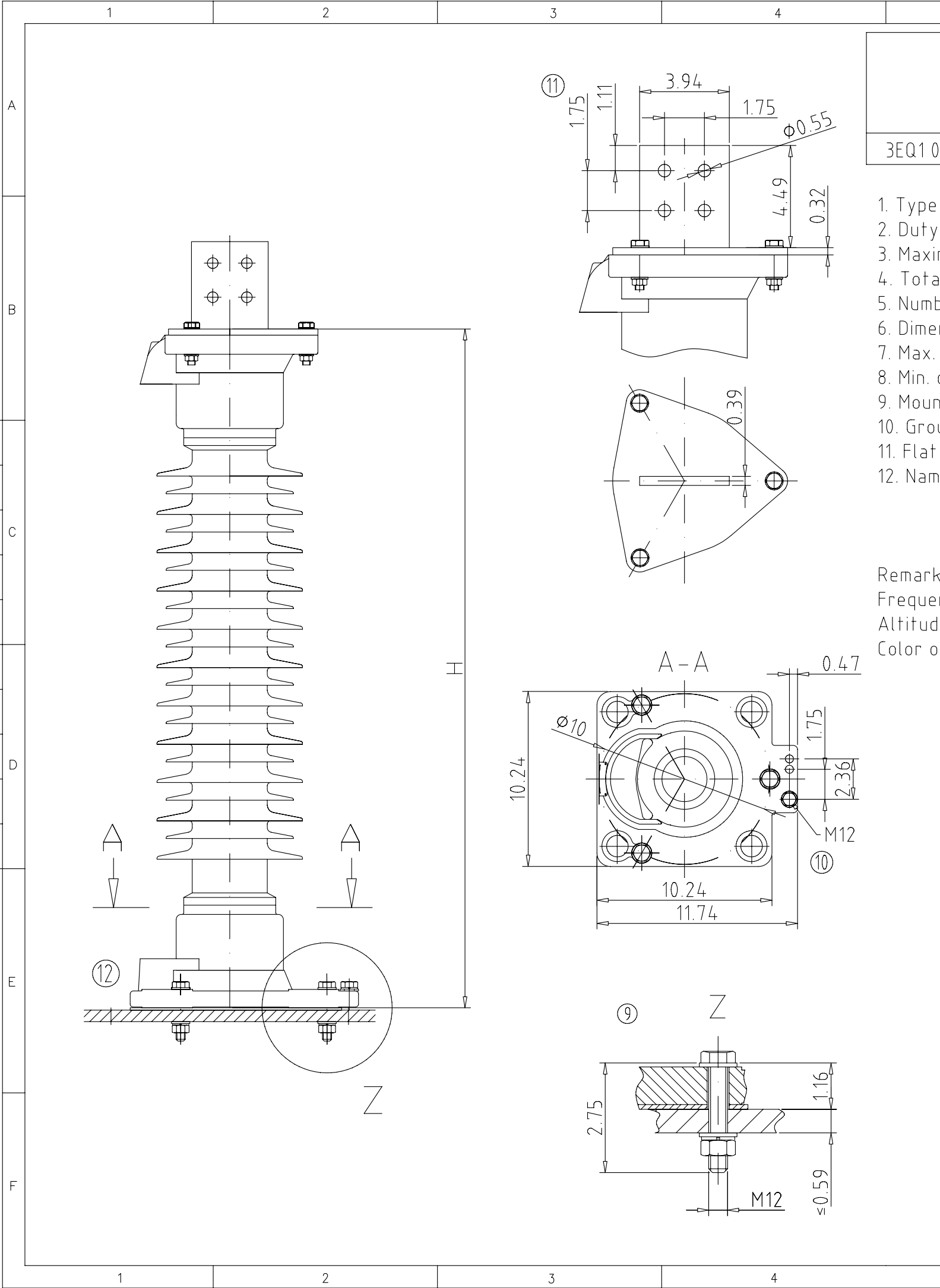


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| ①<br>Type           | ②<br>U <sub>r</sub><br>kV | ③<br>MCOV<br>kV | H<br>inch | ④<br>G<br>lb | ⑤<br>n | ⑥         |           | ⑦                        |                         | ⑧<br>k<br>inch |
|---------------------|---------------------------|-----------------|-----------|--------------|--------|-----------|-----------|--------------------------|-------------------------|----------------|
|                     |                           |                 |           |              |        | d<br>inch | l<br>inch | F <sub>stat</sub><br>lbf | F <sub>dyn</sub><br>lbf |                |
| 3EQ1 030-1PB21-4NH5 | 30                        | 24.4            | 35        | 57           | 1      | -         | -         | 1070                     | 1520                    | 82             |

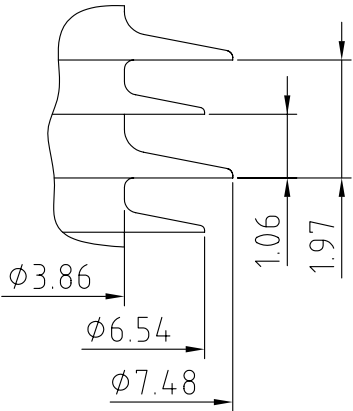
1. Type
2. Duty cycle
3. Maximum continuous operating voltage (MCOV)
4. Total weight, approx.
5. Number of units
6. Dimensions of the grading fittings
7. Max. permissible pull at insulator top
8. Min. creepage distance
9. Mounting with adapter 10" and screws M12×2.56 (hole-diameter .51)
10. Ground terminal or terminal for control devices
11. Flat 3.94 inch × 3.94 inch × 0.39 inch NEMA, hot-dip galvanised steel
12. Name plate

Remarks  
Frequency: 48 ... 62 Hz  
Altitude above sea level: up to 6000 ft  
Color of silicon insulator: grey

⑫

**SIEMENS**

Station Class MO Surge Arrester  
Type 3EQ1 030-1PB21-4NH5  
U<sub>r</sub> 30 kV  
MCOV 24.4 kV  
I<sub>PR</sub> 50 kA  
Serial No. K/35.....  
Date 2009



|                                                                  |              |                           |                |                |                      |                 |            |
|------------------------------------------------------------------|--------------|---------------------------|----------------|----------------|----------------------|-----------------|------------|
| Standard Configurations USA 3EQ1 LD3                             |              |                           |                |                | Siemens Energy, Inc. |                 |            |
|                                                                  | Index        | Remark                    |                |                |                      | Ä.d.            | Date       |
|                                                                  |              |                           |                |                |                      |                 | 20.08.2009 |
|                                                                  | First issue  |                           |                | Current update | CAD-drawing          |                 |            |
|                                                                  | 20.08.2009   |                           | Date           |                | Surge arrester 3EQ1  |                 |            |
|                                                                  | Symphorianus |                           | Handled by     |                |                      |                 |            |
|                                                                  | D. Hartmann  |                           | Checked        |                |                      |                 |            |
|                                                                  |              |                           | Section leader |                |                      |                 |            |
|                                                                  |              |                           | Standard       |                |                      |                 |            |
|                                                                  |              |                           |                | f. type        | type                 |                 |            |
| Siemens AG<br>Energy Sector<br>Power Transmission<br>Highvoltage |              | E T HP AR / 27018070.0100 |                |                |                      | B01-            |            |
|                                                                  |              | drawing number            |                |                |                      | Sheet no. Index |            |
|                                                                  |              | Replacement for           |                |                | Superseded by        |                 |            |