

COMB. VOLTAGE-FREQUENCY RELAY FOR  
MONITORING OF GENERATORS ABOVE 30 KVA



Figure similar

| Model                                                                                   |   |        |
|-----------------------------------------------------------------------------------------|---|--------|
| product brand name                                                                      |   | SETRON |
| General technical data                                                                  |   |        |
| Adjustable pickup delay time / initial value                                            | s | 0      |
| Measurable voltage / at AC / initial value                                              | V | 85     |
| Equipment marking / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750 |   | B      |
| Overvoltage category                                                                    |   | 3      |
| Voltage                                                                                 |   |        |
| Type of voltage / for actuation                                                         |   | AC     |
| Type of voltage / for monitoring                                                        |   | AC     |
| Adjustable voltage range / Full-scale value                                             | V | 288    |
| Measurable voltage / at AC / Full-scale value                                           | V | 288    |
| Electricity                                                                             |   |        |
| Adjustable voltage range / initial value                                                | V | 184    |
| Control current                                                                         |   |        |

|                                                        |    |                      |
|--------------------------------------------------------|----|----------------------|
| <b>Control supply voltage</b>                          |    |                      |
| • at AC / at 50 Hz / rated value / minimum             | V  | 85                   |
| • at AC / at 50 Hz / rated value / maximum             | V  | 288                  |
| • at AC / at 60 Hz / rated value / minimum             | V  | 85                   |
| • at AC / at 60 Hz / rated value / maximum             | V  | 288                  |
| <b>Auxiliary circuit</b>                               |    |                      |
| Number of CO contacts / for auxiliary contacts         |    | 3                    |
| <b>Number of NC contacts / for auxiliary contacts</b>  |    | 0                    |
| <b>Number of NO contacts / for auxiliary contacts</b>  |    | 0                    |
| <b>Adjustable parameters</b>                           |    |                      |
| <b>Adjustable pickup delay time / Full-scale value</b> | s  | 600                  |
| <b>Adjustable OFF-delay time</b>                       |    |                      |
| • Full-scale value                                     | s  | 0.1                  |
| <b>Product function</b>                                |    |                      |
| <b>Product function</b>                                |    |                      |
| • Voltage window recognition 1 phase                   |    | No                   |
| • Voltage window recognition 3 phase                   |    | No                   |
| • Voltage window recognition DC                        |    | No                   |
| • Overvoltage detection 1 phase                        |    | Yes                  |
| • Overvoltage detection 3 phase                        |    | Yes                  |
| • Overvoltage detection DC                             |    | No                   |
| • undervoltage detection 1 phase                       |    | Yes                  |
| • undervoltage detection 3 phases                      |    | Yes                  |
| • undervoltage detection DC                            |    | No                   |
| <b>Connections</b>                                     |    |                      |
| <b>Type of electrical connection</b>                   |    | screw-type terminals |
| • Plug-in socket                                       |    | No                   |
| <b>Mechanical Design</b>                               |    |                      |
| <b>Height</b>                                          | mm | 90                   |
| <b>Width</b>                                           | mm | 70                   |
| <b>Depth</b>                                           | mm | 71                   |
| <b>Certificates</b>                                    |    |                      |
| Equipment marking / acc. to DIN EN 61346-2             |    | B                    |

| General Product Approval | Declaration of Conformity | Test Certificates |
|--------------------------|---------------------------|-------------------|
|--------------------------|---------------------------|-------------------|



[sonstig](#)

#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5TT3427>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/5TT3427/all>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

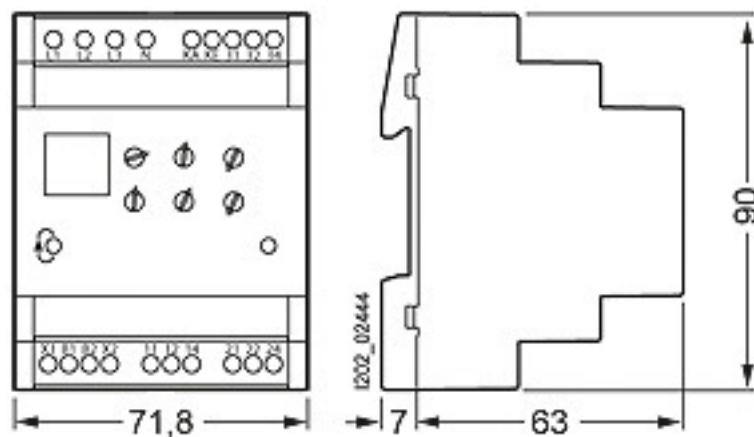
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT3427](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT3427)

**CAX-Online-Generator**

<http://www.siemens.com/cax>

**Tender specifications**

<http://ausschreibungstexte.siemens.com/tiplv>



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