

Siemens  
EcoTech



Indicator lights, 22 mm, round, plastic, red, lens, smooth, Z=100-unit packaging



|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| product brand name                                             | SIRIUS ACT                                                         |
| product designation                                            | Indicator lights                                                   |
| design of the product                                          | Actuating/signaling element                                        |
| product type designation                                       | 3SU1                                                               |
| product line                                                   | Plastic, black, 22 mm                                              |
| <b>Actuator</b>                                                |                                                                    |
| product extension optional                                     |                                                                    |
| • light source                                                 | Yes                                                                |
| • contact module                                               | No                                                                 |
| color                                                          |                                                                    |
| • of the actuating element                                     | red                                                                |
| material of the actuating element                              | plastic                                                            |
| shape of the actuating element                                 | round                                                              |
| outer diameter of the actuating element                        | 29.45 mm                                                           |
| <b>Front ring</b>                                              |                                                                    |
| product component front ring                                   | No                                                                 |
| <b>General technical data</b>                                  |                                                                    |
| protection class IP                                            | IP66, IP67, IP69(IP69K)                                            |
| degree of protection NEMA rating                               | 1, 2, 3, 3R, 4, 4X, 12, 13                                         |
| shock resistance                                               |                                                                    |
| • according to IEC 60068-2-27                                  | sinusoidal half-wave 15g / 11 ms                                   |
| • for railway applications according to EN 61373               | Category 1, Class B                                                |
| vibration resistance                                           |                                                                    |
| • according to IEC 60068-2-6                                   | 10 ... 500 Hz: 5g                                                  |
| • for railway applications according to EN 61373               | Category 1, Class B                                                |
| reference code according to IEC 81346-2                        | P                                                                  |
| Substance Prohibitance (Date)                                  | 10/01/2014                                                         |
| <b>Connections/ Terminals</b>                                  |                                                                    |
| tightening torque of the screws in the bracket                 | 1 ... 1.2 N·m                                                      |
| <b>Ambient conditions</b>                                      |                                                                    |
| ambient temperature                                            |                                                                    |
| • during operation                                             | -25 ... +70 °C                                                     |
| • during storage                                               | -40 ... +80 °C                                                     |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%) |
| <b>Environmental footprint</b>                                 |                                                                    |
| Environmental Product Declaration(EPD)                         | Yes                                                                |

|                                                        |                 |
|--------------------------------------------------------|-----------------|
| Global Warming Potential [CO2 eq] total                | 0.787 kg        |
| Global Warming Potential [CO2 eq] during manufacturing | 0.566 kg        |
| Global Warming Potential [CO2 eq] during operation     | 0.235 kg        |
| Global Warming Potential [CO2 eq] after end of life    | -0.015 kg       |
| Siemens Eco Profile (SEP)                              | Siemens EcoTech |

#### Installation/ mounting/ dimensions

|                                             |         |
|---------------------------------------------|---------|
| height                                      | 29.5 mm |
| width                                       | 29.5 mm |
| shape of the installation opening           | round   |
| mounting diameter                           | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm  |
| mounting height                             | 11.8 mm |
| installation width                          | 29.5 mm |
| installation depth                          | 24.4 mm |

#### Approvals Certificates

##### General Product Approval



[Confirmation](#)



| Test Certificates | Marine / Shipping | other |
|-------------------|-------------------|-------|
|-------------------|-------------------|-------|

[Type Test Certificates/Test Report](#)



[Confirmation](#)

#### Environment



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[Environmental Confirmations](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-6AA20-0AA0-Z X90>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-6AA20-0AA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-6AA20-0AA0-Z X90>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1001-6AA20-0AA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-6AA20-0AA0-Z X90&lang=en)



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