

COMBIN. ARRESTER TYPE 1 + 2 REQ. CATEGORIES B+C, UC 350V PLUG-IN PROTECTION BLOCKS 3-POLE, 3+0 CIRCUIT FOR TNC SYSTEMS W. REMOTE DISPLAY



| Model   |   |                          |
|---|---|--------------------------|
| product brand name  |   | SENTRON                  |
| Product designation   |   | Surge protection device  |
| <b>Design of the product</b>  |   | Arrester combination     |
| <b>Type of distribution system</b>                                      |   | TN-C system              |
| <b>Design of the switching function</b>                                 |   | 1 CO                     |
| <b>Design of the thread</b>   |   | M5                       |
| <b>Signal design</b>  |   | Defect signaling contact |
| General technical data  |   |                          |
| <b>SPD classification / acc. to EN 61643-11 / Test Class II, Type 2</b> |   | Yes                      |
| Voltage   |   |                          |
| <b>Size of surge arrester</b>   |   | 6MW                      |
| Overvoltage category / acc. to IEC 61010-1                              |   | III                      |
| Protection class  |   |                          |
| <b>Protection class IP</b>  |   | IP20                     |
| Main circuit  |   |                          |
| <b>Operating voltage</b>  |   |                          |
| • with AC / Rated value   | V | 240                      |
| Product details   |   |                          |
| Product component / remote-signaling contact                            |   | Yes                      |
| Connections   |   |                          |
| <b>Connectable conductor cross-section</b>                              |   |                          |

|  |                 |                 |
|--|-----------------|-----------------|
| <ul style="list-style-type: none"> <li>• for rigid conductor <ul style="list-style-type: none"> <li>— minimum</li> <li>— maximum</li> </ul> </li> <li>• finely stranded <ul style="list-style-type: none"> <li>— minimum</li> <li>— maximum</li> </ul> </li> </ul> | mm <sup>2</sup> | 2.5             |
|  | mm <sup>2</sup> | 35              |
|  | mm <sup>2</sup> | 2.5             |
|  | mm <sup>2</sup> | 25              |
| <b>Connectable AWG conductor cross-section / as coded AWG spec. / for grounding / finely stranded</b>  |                 |                 |
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>   | mm <sup>2</sup> | 13              |
|  | mm <sup>2</sup> | 2               |
| <b>Type of electrical connection</b>   |                 | M2 screw thread |

| Mechanical Design    |  |                      |
|----------------------|--|----------------------|
| <b>Mounting type</b> |  | Rail-mountable NS 35 |

| Environmental conditions   |    |     |
|--|----|-----|
| <b>Ambient temperature</b>   |    |     |
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> | °C | -40 |
|  | °C | 80  |

| General Product Approval  | Declaration of Conformity  | other  |
|---|--|--|
| <br>KEMA | <br>GOST       | <br>UL |
| <br>EAC   | <br>EG-Konf. | <a href="#">Environmental Confirmations</a>  |

| Further information  |   |
|--|---|
| <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b>                                       | <a href="http://www.siemens.com/lowvoltage/catalogs">http://www.siemens.com/lowvoltage/catalogs</a>   |
| <b>Industry Mall (Online ordering system)</b>  | <a href="https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SD74431">https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SD74431</a> |
| <b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b>                          | <a href="http://support.automation.siemens.com/WW/view/en/5SD74431/all">http://support.automation.siemens.com/WW/view/en/5SD74431/all</a>                 |
| <b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)</b> | <a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD74431">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD74431</a>       |
| <b>CAX-Online-Generator</b>  | <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>   |
| <b>Tender specifications</b>   | <a href="http://ausschreibungstexte.siemens.com/tiplv">http://ausschreibungstexte.siemens.com/tiplv</a>   |

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