



Direction of rotation monitor, 230 V AC 4A, With transparent cap

Model	
product brand name	SENTRON
product designation	Phase sequence monitor
design of the product	With transparent cap
General technical data	
operating range factor of control voltage_1	0.8
adjustable pickup delay time initial value	0 s
determinants for climatic applicability according to IEC 60068-1	20/60/4
measurable voltage at AC initial value	400 V
switching voltage of the contacts at AC minimum	10 V
switching current at AC per contact minimum	100 mA
Voltage	
type of voltage of the operating voltage for actuation	AC
measurable voltage at AC full-scale value	400 V
surge voltage resistance between contacts of the relay operating mechanism	2.5 kV
Supply voltage	
operating voltage at AC rated value	250 V
protection class IP	IP20, with connected conductors
operating resource protection class	II
operational current rated value	4 A
Control current	
control supply voltage	
• at DC rated value minimum	0 V
• at DC rated value maximum	0 V
• at AC at 50 Hz rated value minimum	400 V
• at AC at 50 Hz rated value maximum	400 V
• at AC at 60 Hz rated value minimum	400 V
• at AC at 60 Hz rated value maximum	400 V
operating range factor of control voltage_2	1.1
Auxiliary circuit	
number of CO contacts for auxiliary contacts	1
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
Adjustable parameters	
adjustable pickup delay time full-scale value	0 s
adjustable OFF-delay time	
• initial value	0 s

• full-scale value	0 s
<b>Product function</b>	
<b>product function</b>	
• asymmetry detection	No
• phase failure detection	No
• phase sequence recognition	Yes
• overvoltage detection	No
• undervoltage detection	No
<b>Number</b>	
<b>number of terminals with cross-head screw</b>	1
<b>Connections</b>	
<b>type of connectable conductor cross-sections</b>	2 × 2.5 mm <sup>2</sup> (rigid, max.)
<b>type of electrical connection</b>	screw terminal
• plug-in socket	No
<b>Mechanical Design</b>	
<b>height</b>	90 mm
<b>width</b>	18 mm
<b>depth</b>	64 mm
<b>required spacing between contacts of the relay operating mechanism</b>	4 mm
<b>Net Weight</b>	77 g
<b>Environmental conditions</b>	
<b>ambient temperature during operation</b>	
• minimum	-20 °C
• maximum	60 °C
<b>Approvals Certificates</b>	
<b>Environment</b>	<b>General Product Approval</b>

[Environmental Confirmations](#)

[Environmental Confirmations](#)



[Confirmation](#)



other

[Confirmation](#)

[Miscellaneous](#)



#### Further information

##### Information on the packaging

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

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5TT3423>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT3423>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT3423](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT3423)

##### CAX-Online-Generator

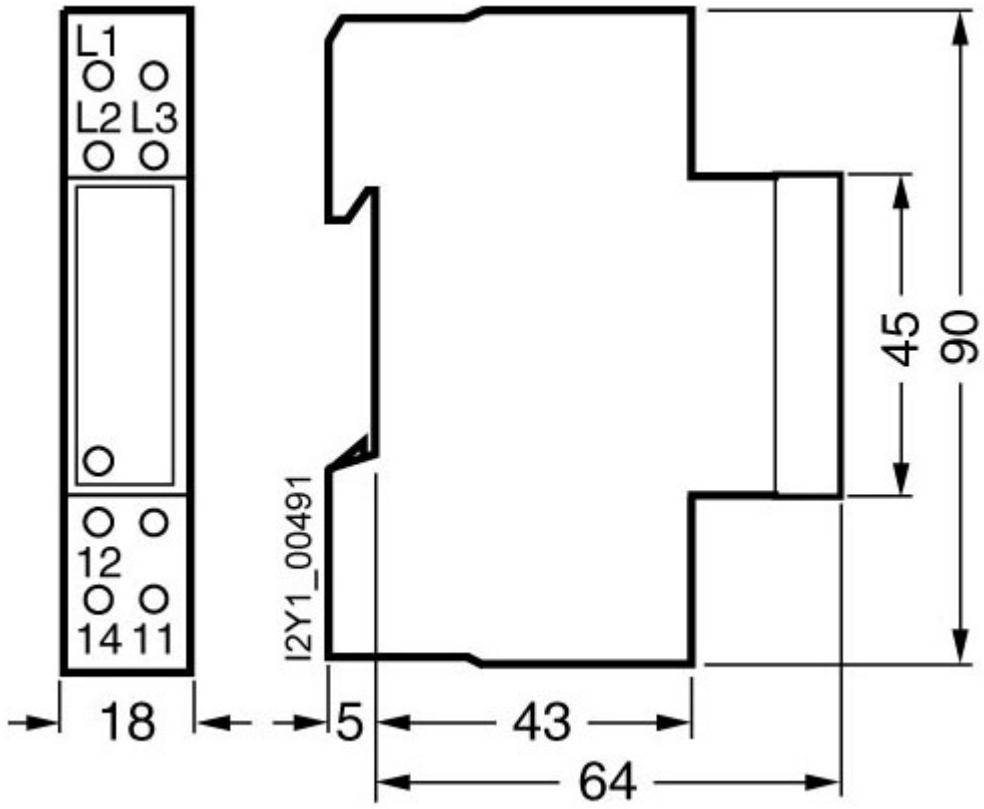
<https://www.siemens.com/cax>

##### Tender specifications

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

##### Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)



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