

Phase monitor 230 V AC 4 A



Model	
Product designation	Phase monitor
General technical data	
Operating range factor / of control voltage_1	0.8
Adjustable pickup delay time / initial value	0 s
Determinants / for climatic applicability / acc. 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 / for actuation	AC
Rated insulation voltage U_i / between spool contact	4 kV
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
Dissipation	
Rated power loss P _v	9VA (Electronic) ; 0,2VA (contact)
Operating 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
Product function	
Product function	
• Phase unbalance	No
• Phase failure detection	Yes
• phase sequence recognition	No
• Overvoltage detection	No
• undervoltage detection	No
Number	
Number of terminals / with cross-head screw	1
Connections	
Type of connectable conductor cross-sections	2 × 2.5 mm ² (rigid, max.)
Type of electrical connection	screw-type terminals
• Plug-in socket	No
Mechanical Design	
Height	90 mm
Width	18 mm

Depth	64 mm
Required spacing / between contacts of the relay operating mechanism	4 mm
Net weight	80 g

Certificates

Declaration of Conformity	other
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EG-Konf.

[Environmental Confirmations](#)

[Miscellaneous](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5TT3421>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT3421>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT3421

CAX-Online-Generator

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

Tender specifications

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

