SIEMENS

Data sheet 5TT3423

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



Model	
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 / 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 / of the operating voltage / for actuation	AC
Rated insulation voltage Ui / 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

Subject to change without notice
© Copyright Siemens

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 Pv	9VA (Electronic) ; 0,2VA (contact)
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

Product function	
product function	
• asymmetry detection	No
• phase failure detection	No
• phase sequence recognition	Yes
• 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 mm² (rigid, max.)
type of electrical connection	screw-type terminals
• plug-in socket	No

Mechanical Design

Subject to change without notice
© Copyright Siemens

height	90 mm
width	18 mm
depth	64 mm
required spacing / between contacts of the relay operating mechanism	4 mm
net weight	80 g

Environmental conditions

ambient temperature / during operation	
• minimum	-20 °C
• maximum	60 °C

Declaration of Conformity	other
CE 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=5TT3423

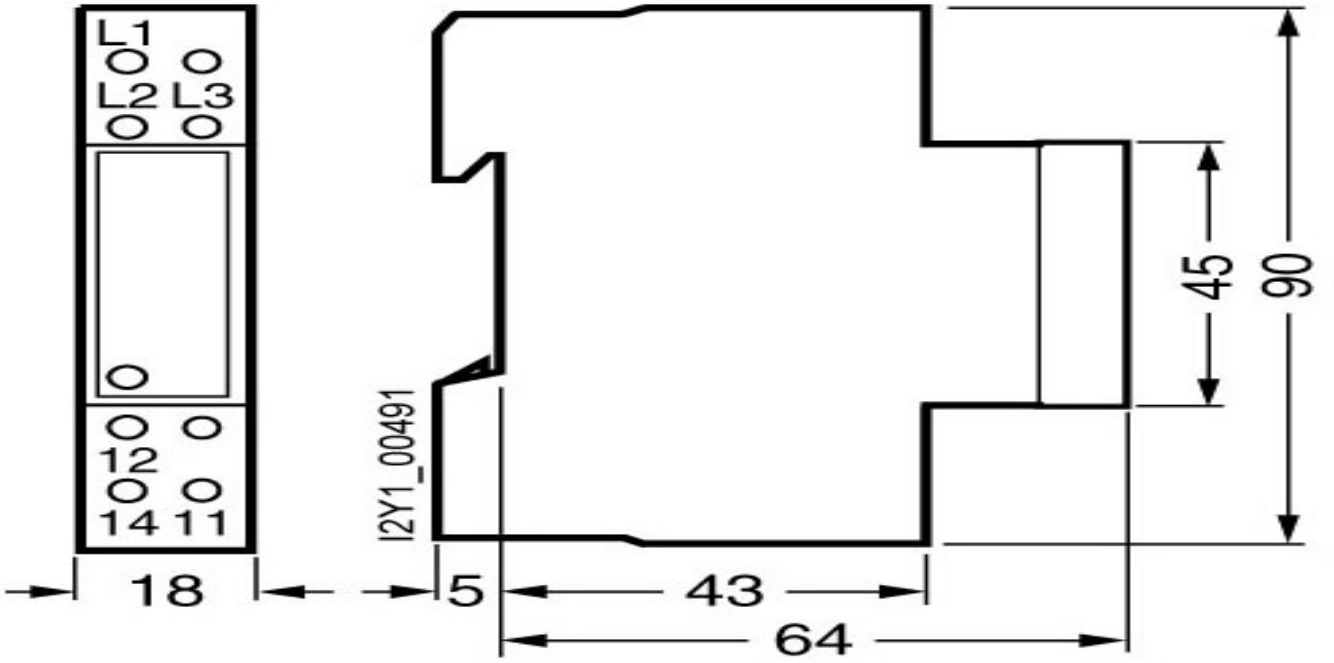
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TT3423

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT3423

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://www.siemens.com/specifications

Subject to change without notice
© Copyright Siemens



Subject to change without notice
© Copyright Siemens