SIEMENS

Data sheet 5TT3423



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

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● 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 terminal
● 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	77 g
Environmental conditions	
ambient temperature during operation	
● minimum	-20 °C
● maximum	60 °C

Approvals Certificates

Environment		General Product Approval		
Environmental Confirmations	Environmental Confirmations	EAC	Confirmation	CE EG-Konf. UKCA

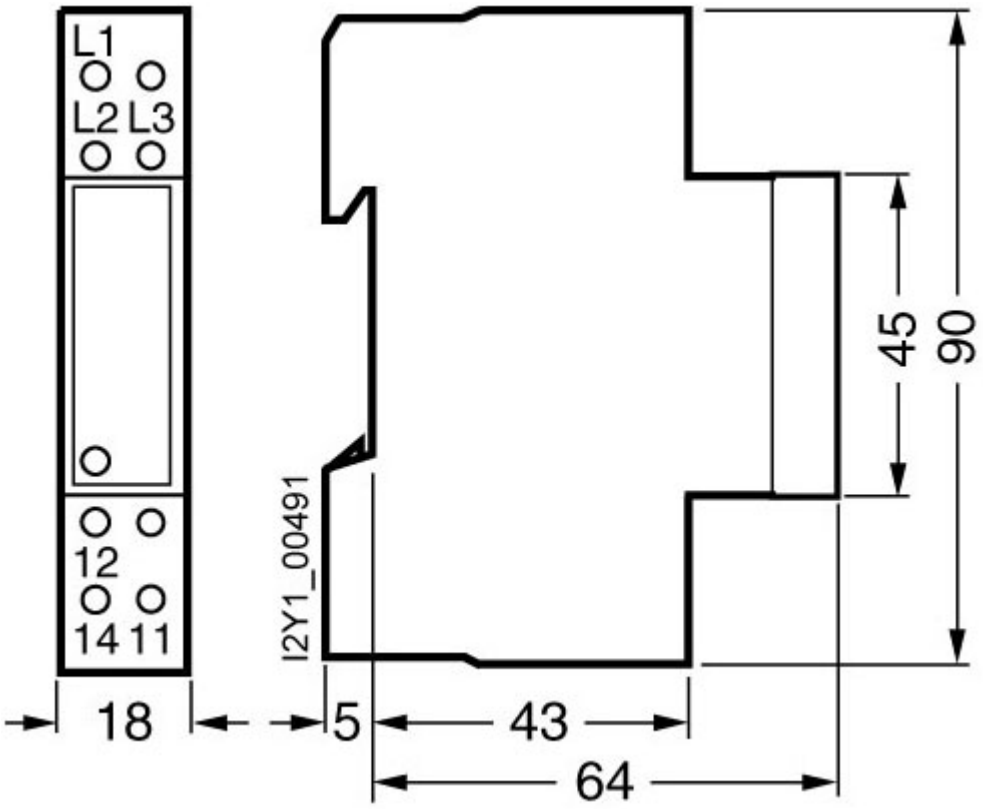
other

Confirmation	Miscellaneous	产品合格 QC PASS

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
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
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https://curves.simaris.siemens.com/curves/5TT3423

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