



### General technical data

Operating range factor / of control voltage_1		0.8
Adjustable pickup delay time / initial value	s	0
Measurable voltage / at AC / initial value	V	400
Switching voltage / of the contacts / at AC / minimum	V	10
Switching current / at AC / per contact / minimum	mA	100

### Voltage

Type of voltage / for actuation		AC
Rated insulation voltage $U_i$ / between spool contact	kV	4
Measurable voltage / at AC / Full-scale value	V	400
Surge voltage resistance / between contacts of the relay operating mechanism	kV	2.5

### Dissipation

Rated power loss $P_v$		9VA (Electronic) ; 0,2VA (contact)
Operating voltage / at AC / rated value	V	250
Operating current / rated value	A	4

### Control current

Control supply voltage		
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• at DC / rated value / minimum	V	0
• at DC / rated value / maximum	V	0
• at AC / at 50 Hz / rated value / minimum	V	400
• at AC / at 50 Hz / rated value / maximum	V	400
• at AC / at 60 Hz / rated value / minimum	V	400
• at AC / at 60 Hz / rated value / maximum	V	400

#### 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	s	0
Adjustable OFF-delay time		
• initial value	s	0
• Full-scale value	s	0

#### Product function

Product function		
• Phase unbalance		No
• Phase failure detection		No
• phase sequence recognition		Yes
• Overvoltage detection		No
• undervoltage detection		No

#### Number

Number of terminals / with cross-head screw		1
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#### Connections

Type of electrical connection		screw-type terminals
• Plug-in socket		No

#### Mechanical Design

Height	mm	90
Width	mm	18
Depth	mm	64
Required spacing / between contacts of the relay operating mechanism	mm	4
Net weight	g	80

#### Environmental conditions

Ambient temperature		
• during operation / minimum	°C	-20

General Product Approval	Declaration of Conformity	other
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[Umweltbestätigung](#)

### Further information

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

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

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5TT3423>

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

<http://support.automation.siemens.com/WW/view/en/5TT3423/all>

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

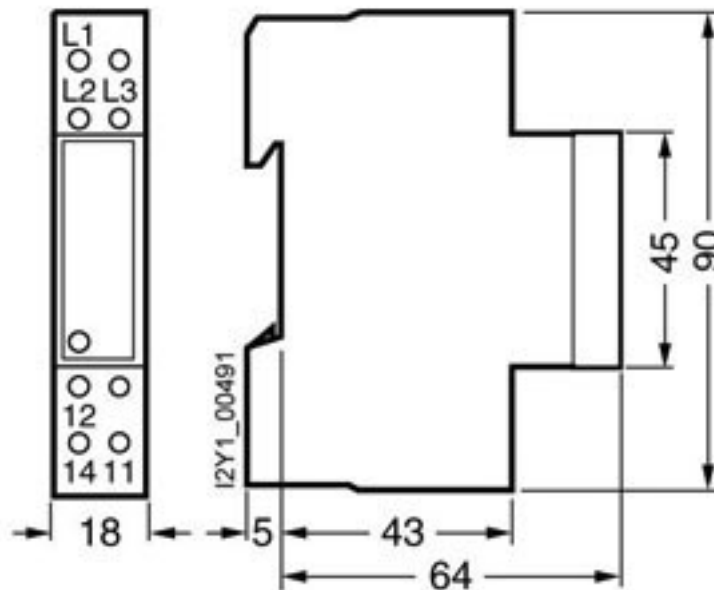
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT3423](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT3423)

**CAX-Online-Generator**

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

**Tender specifications**

<http://ausschreibungstexte.siemens.com/tiplv>



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