# **SIEMENS**

Product data sheet 5SY4632-7



CIRCUIT BREAKER 400V 10KA, 3+N-POLE, C, 32A, D=70MM

Similar to image

Technical data:		
Overvoltage class		3
type of voltage		AC/DC
Tripping characteristic class		С
Degree of pollution		3
Mounting depth	mm	70
Energy limiting class		3
Number of poles		4
Number of pitch units for width		4
Product function / n-switching		Yes
Supply voltage frequency / rated value	Hz	50
Switching capacity current / in accordance with IEC 60947-2 / rated value	kA	20
Breaking capacity current / acc. to EN 60898 / rated value	kA	10
Supply voltage / for AC / rated value	V	400
Current / for AC / rated value	Α	32
Protection class IP		IP20, with connected conductors
Product extension / can be installed / supplementary device		Yes
power loss		-

Operational voltage Um         -           rated current In         -           Rated make-break capacity Icn         -           Rated service short-circuit breaking capacity Ics         -           Rated ultimate short-circuit breaking capacity Icu         -           Tripping characteristics Number         -           Tripping characteristic/-class Conventional tripping current I2, (x In)         -           rated current In IEC, DIN/VDE         -           rated current In / IEC, DIN/VDE         -           • at 30 Cel         A         32           • at 40 Cel         A         30.72           • at 45 Cel         A         30.08           • at 50 Cel         A         29.44           • at 55 Cel         A         28.48           • at 60 Cel         A         27.84			
Rated make-break capacity Icn  Rated service short-circuit breaking capacity Ics  Rated ultimate short-circuit breaking capacity Icu  Tripping characteristics Number  Tripping characteristic/-class Conventional tripping current I2, (x In)  rated current In IEC, DIN/VDE  Tripping characteristic/-class Test current I4, hold (x In)  rated current In / IEC, DIN/VDE  • at 30 Cel  • at 40 Cel  • at 45 Cel  • at 55 Cel  • at 55 Cel  • at 66 Cel  A 27.84	Operational voltage Um		-
Rated service short-circuit breaking capacity Ics  Rated ultimate short-circuit breaking capacity Icu  Tripping characteristics Number  Tripping characteristic/-class Conventional tripping current I2, (x In)  rated current In IEC, DIN/VDE  Tripping characteristic/-class Test current I4, hold (x In)  rated current In / IEC, DIN/VDE  • at 30 Cel • at 40 Cel • at 45 Cel • at 50 Cel • at 55 Cel • at 55 Cel • at 60 Cel • at 60 Cel	rated current In		-
Rated ultimate short-circuit breaking capacity lcu  Tripping characteristics Number  Tripping characteristic/-class Conventional tripping current I2, (x ln)  rated current ln IEC, DIN/VDE  Tripping characteristic/-class Test current I4, hold (x ln)  rated current ln / IEC, DIN/VDE  • at 30 Cel • at 40 Cel • at 45 Cel • at 50 Cel • at 50 Cel • at 50 Cel • at 60 Cel • at 60 Cel	Rated make-break capacity Icn		-
Tripping characteristics Number  Tripping characteristic/-class Conventional tripping current I2, (x In)  rated current In IEC, DIN/VDE  Tripping characteristic/-class Test current I4, hold (x In)  rated current In / IEC, DIN/VDE  • at 30 Cel • at 40 Cel • at 45 Cel • at 55 Cel • at 55 Cel • at 60 Cel • at 60 Cel	Rated service short-circuit breaking capacity lcs		-
Tripping characteristic/-class Conventional tripping current I2, (x ln)  rated current In IEC, DIN/VDE  Tripping characteristic/-class Test current I4, hold (x ln)  rated current In / IEC, DIN/VDE  • at 30 Cel  • at 40 Cel  • at 45 Cel  • at 55 Cel  • at 60 Cel  A 27.84	Rated ultimate short-circuit breaking capacity Icu		-
(x In)       rated current In IEC, DIN/VDE         Tripping characteristic/-class Test current I4, hold (x In)       -         rated current In / IEC, DIN/VDE       A       32         • at 30 Cel       A       30.72         • at 40 Cel       A       30.08         • at 50 Cel       A       29.44         • at 55 Cel       A       28.48         • at 60 Cel       A       27.84	Tripping characteristics Number		-
Tripping characteristic/-class Test current I4, hold (x In)         rated current In / IEC, DIN/VDE         • at 30 Cel       A       32         • at 40 Cel       A       30.72         • at 45 Cel       A       30.08         • at 50 Cel       A       29.44         • at 55 Cel       A       28.48         • at 60 Cel       A       27.84			-
rated current In / IEC, DIN/VDE         • at 30 Cel       A       32         • at 40 Cel       A       30.72         • at 45 Cel       A       30.08         • at 50 Cel       A       29.44         • at 55 Cel       A       28.48         • at 60 Cel       A       27.84	rated current In IEC, DIN/VDE		-
<ul> <li>at 30 Cel</li> <li>at 40 Cel</li> <li>at 45 Cel</li> <li>at 50 Cel</li> <li>at 55 Cel</li> <li>at 60 Cel</li> </ul> <ul> <li>A 32</li> <li>A 30.72</li> <li>A 30.08</li> <li>A 29.44</li> <li>A 28.48</li> <li>A 27.84</li> </ul>	Tripping characteristic/-class Test current I4, hold (x In)		-
<ul> <li>at 40 Cel</li> <li>at 45 Cel</li> <li>at 50 Cel</li> <li>at 50 Cel</li> <li>at 55 Cel</li> <li>at 60 Cel</li> </ul> <ul> <li>A 30.72</li> <li>A 30.08</li> <li>A 29.44</li> <li>A 28.48</li> <li>A 27.84</li> </ul>	rated current In / IEC, DIN/VDE		
<ul> <li>at 45 Cel</li> <li>at 50 Cel</li> <li>at 55 Cel</li> <li>at 60 Cel</li> </ul> A 30.08 A 29.44 A 28.48 A 27.84	• at 30 Cel	Α	32
• at 50 Cel A 29.44 • at 55 Cel A 28.48 • at 60 Cel A 27.84	• at 40 Cel	Α	30.72
• at 55 Cel A 28.48 • at 60 Cel A 27.84	• at 45 Cel	Α	30.08
• at 60 Cel A 27.84	• at 50 Cel	Α	29.44
	• at 55 Cel	А	28.48
Resistance against shock / according to IEC 60068-2-27 150m/s² at 11ms half-sine	• at 60 Cel	Α	27.84
	Resistance against shock / according to IEC 60068-2-27		150m/s² at 11ms half-sine

## **Certificates/approvals:**

#### **General Product Approval**



**IMQ** 

**ROSTEST** 



## **Shipping Approval**







GL





other other

## **Further information:**

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

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

#### Industry Mall (Online ordering system)

http://www.siemens.com/lowvoltage/mall

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

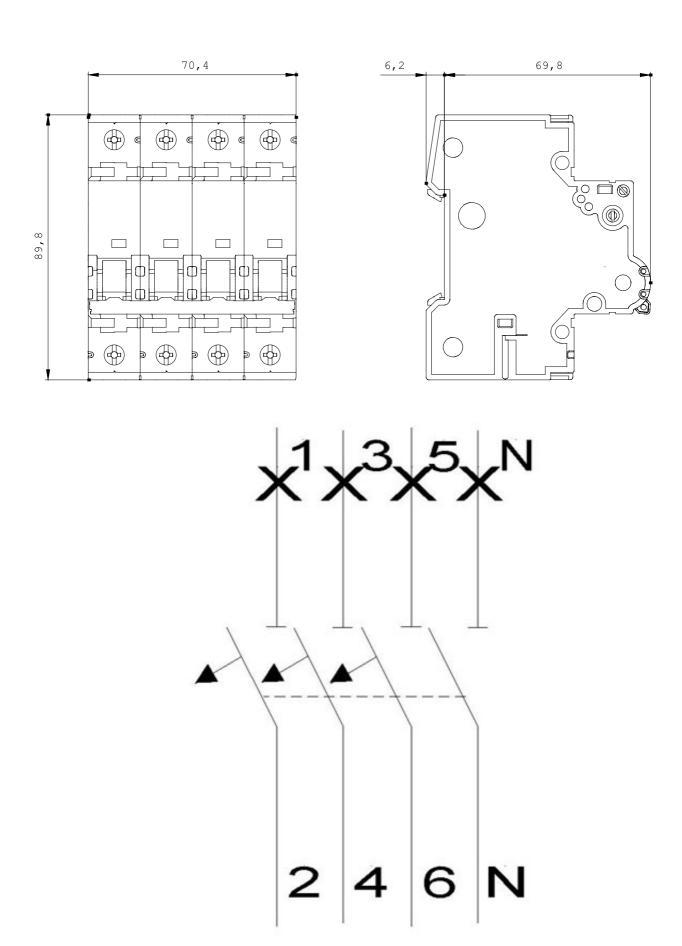
http://support.automation.siemens.com/WW/view/en/5SY4632-7/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SY4632-7

#### **CAx-Online-Generator**

http://www.siemens.com/cax



last change: Nov 3, 2011