SIEMENS

Product data sheet 5SY4232-8



CIRCUIT BREAKER 400V 10KA, 2-POLE, D, 32A, D=70MM

Similar to image

Technical data:		
Overvoltage class		3
type of voltage		AC/DC
Tripping characteristic class		D
Degree of pollution		3
Mounting depth	mm	70
Energy limiting class		3
Number of poles		2
Number of pitch units for width		2
Product function / n-switching		No
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 ln)-Tripping characteristic/-class Test current I4, hold (x ln)-rated current In IEC, DIN/VDE-* at 30 CelA32* at 40 CelA30.4* at 45 CelA29.76* at 55 CelA28.8* at 50 CelA27.84* at 60 CelA27.84* at 60 CelA27.04Resistance against shock / according to IEC 60068-2-27150m/s² at 11ms half-sine			
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 50 Cel • at 50 Cel • at 55 Cel • at 60 Cel • at 60 Cel	Operational voltage Um		-
Rated service short-circuit breaking capacity lcu 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 55 Cel • at 55 Cel • at 60 Cel • at 60 Cel	rated current In		-
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 50 Cel • at 55 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 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 50 Cel • at 50 Cel • at 50 Cel • at 60 Cel • at 60 Cel	Rated service short-circuit breaking capacity lcs		-
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 50 Cel • at 60 Cel A 27.84 • at 60 Cel	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 30.4 • at 40 Cel A 29.76 • at 50 Cel A 28.8 • at 55 Cel A 27.84 • at 60 Cel A 27.2	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 30.4 • at 45 Cel A 29.76 • at 50 Cel A 28.8 • at 55 Cel A 27.84 • at 60 Cel A 27.2	rated current In IEC, DIN/VDE		-
 at 30 Cel at 40 Cel at 45 Cel at 50 Cel at 55 Cel at 60 Cel A 27.84 A 27.2 	Tripping characteristic/-class Test current I4, hold (x In)		-
• at 40 Cel A 30.4 • at 45 Cel A 29.76 • at 50 Cel A 28.8 • at 55 Cel A 27.84 • at 60 Cel A 27.2	rated current In / IEC, DIN/VDE		
 at 45 Cel at 50 Cel at 55 Cel at 60 Cel A 29.76 A 28.8 A 27.84 A 27.2 	• at 30 Cel	Α	32
• at 50 Cel A 28.8 • at 55 Cel A 27.84 • at 60 Cel A 27.2	• at 40 Cel	Α	30.4
• at 55 Cel A 27.84 • at 60 Cel A 27.2	• at 45 Cel	Α	29.76
• at 60 Cel A 27.2	• at 50 Cel	Α	28.8
	• at 55 Cel	Α	27.84
Resistance against shock / according to IEC 60068-2-27 150m/s² at 11ms half-sine	• at 60 Cel	Α	27.2
	Resistance against shock / according to IEC 60068-2-27		150m/s² at 11ms half-sine

Certificates/approvals:

General Product Approval

Declaration of Conformity



<u>IMQ</u>

ROSTEST





Manufacturer

Shipping Approval









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,...)

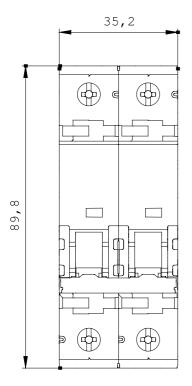
http://support.automation.siemens.com/WW/view/en/5SY4232-8/all

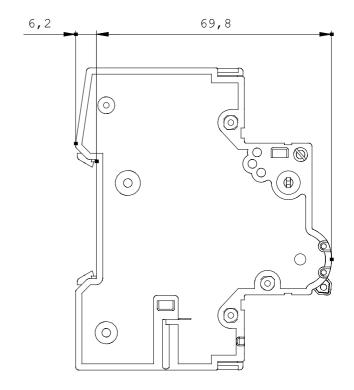
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY4232-8}}$

CAx-Online-Generator

http://www.siemens.com/cax





last change: Nov 3, 2011