## **SIEMENS**

Data sheet 5SY5263-7



Circuit breaker Universal current 440 V DC 400 V AC 10kA, 2-pole, C, 63A

Model	
	SENTRON
product brand name product designation	Miniature circuit breaker
	Williature Circuit Dreaker
General technical data	
number of poles	2
number of poles / note	2P
tripping characteristic class	C
mechanical service life (switching cycles) / typical	5 000
overvoltage category	III
degree of pollution	3
Voltage	
insulation voltage	
<ul><li>at DC / rated value</li></ul>	250 V
<ul><li>with single-phase operation / at AC / rated value</li></ul>	440 V
<ul> <li>with multi-phase operation / at AC / rated value</li> </ul>	440 V
Supply voltage	
type of voltage	AC/DC
supply voltage	
<ul> <li>at AC / rated value</li> </ul>	400 V
at DC / rated value	440 V
operating voltage / at DC / rated value / maximum	500 V
supply voltage frequency / rated value	50/60 Hz
Protection class	
protection class IP	IP20, with connected conductors
Switching capacity	
switching capacity current	
<ul><li>at DC / acc. to IEC 60947-2 / rated value</li></ul>	15 kA
• acc. to EN 60898 / rated value	10 kA
energy limitation class	3
Dissipation	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	6 W
Current	
operational current	
<ul> <li>at 35 °C / rated value</li> </ul>	63 A
<ul> <li>at 45 °C / rated value</li> </ul>	57.14 A
• at 50 °C / rated value	55.06 A

at 55 °C / rated value     at 60 °C / rated value     suitability for operation  Product details  product function / neutral conductor switching  product feature / touch protection  product component     combined terminal top  \$ 52.92 A  50.65 A  universal current  No  Yes	
suitability for operation universal current  Product details  product function / neutral conductor switching No product feature / touch protection Yes product component	
Product details  product function / neutral conductor switching  product feature / touch protection  Product component  No  Yes	
product function / neutral conductor switching  product feature / touch protection  product component  No  Yes	
product feature / touch protection Yes product component	
product component	
• combined terminal ten	
·	
• combined terminal bottom Yes	
product feature	
<ul> <li>properties for main switches in accordance with EN Yes</li> <li>60204-1</li> </ul>	
• halogen-free Yes	
• sealable Yes	
• silicon-free Yes	
product extension / installable / supplementary devices Yes	
Short circuit	
breaking capacity short-circuit current (Icn)	
• at DC / acc. to EN 60898-2	
Connections	
connectable conductor cross-section / solid	
• minimum 0.75 mm²	
• maximum 35 mm²	
connectable conductor cross-section / stranded	
• minimum 0.75 mm²	
• maximum 35 mm²	
connectable conductor cross-section / finely stranded / with core end processing	
• minimum 0.75 mm²	
• maximum 25 mm²	
AWG number / as coded connectable conductor cross section	
• minimum 18	
• maximum 4	
tightening torque [lbf·in] / with screw-type terminals	
• minimum 22 lbf·in	
• maximum 31 lbf·in	
tightening torque / with screw-type terminals	
• minimum 2.5 N·m	
● maximum 3.5 N·m	
position / of power supply cord  AC as required, observe	e DC polarity
Mechanical Design	
height 90 mm	
width 36 mm	
depth 76 mm	
installation depth 70 mm	
number of modular width units 2	
fastening method Quick assembly system	
mounting position any	
net weight 348 g	
Environmental conditions	
	EE9/ to 70°C may 259/ to 75°C
	. 55% to 70°C, max. 35% to 75°C
vibration resistance / acc. to IEC 60068-2-6 ±1mm at 5 to 25Hz; 50m	11/5" at 25 to 150HZ
ambient temperature / during operation	
• minimum -40 °C	
• maximum 70 °C	
ambient temperature / during storage	
• minimum -40 °C	

• maximum	75 °C	
number of test cycles / for environmental testing / acc. to IEC 60068-2-30	6	
Certificates		
reference code		
<ul> <li>acc. to DIN EN 61346-2</li> </ul>	F	
• acc. to IEC 81346-2	F	
General Product Approval		Declaration of Conformity







**Miscellaneous** 





Test Certificates	Railway
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Miscellaneous Special Test Certific- Vibration and Shock Confirmation

## 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=5SY5263-7

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

https://support.industry.siemens.com/cs/ww/en/ps/5SY5263-7

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

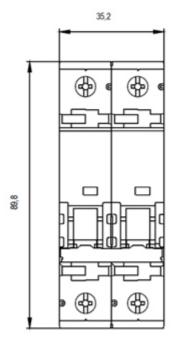
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SY5263-7

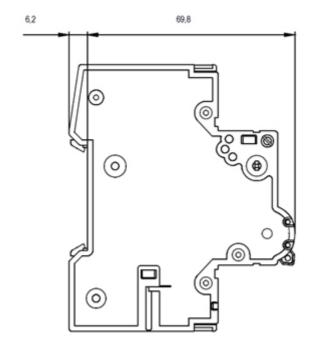
**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications





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