SIEMENS

Data sheet 5SL4232-7RC



Miniature circuit breaker 415 V 10kA, 2-pole, C, 32 A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
design of the product	5SL miniature circuit breakers
General technical data	
number of poles	2
number of poles / note	2P
tripping characteristic class	С
mechanical service life (switching cycles) / typical	10 000
overvoltage category	III
degree of pollution	2
Voltage	
insulation voltage	
 with single-phase operation / at AC / rated value 	250 V
 with multi-phase operation / at AC / rated value 	440 V
Supply voltage	
type of voltage	AC
supply voltage / at AC / rated value	415 V
operating voltage	
 with multi-phase operation / at AC / maximum 	440 V
at DC / rated value / maximum	72 V
Protection class	
protection class IP	IP20, with connected conductors
Switching capacity	
switching capacity current	
• 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	2.73 W
Current	
operational current	
 at 30 °C / rated value 	32 A
at AC / rated value	32 A
suitability for operation	Residential buildings/infrastructure
Product details	
product function / neutral conductor switching	No

product feature / touch protection product feature • halogen-free • sealable • silicon-free product extension / installable / supplementary devices Connections connectable conductor cross-section / solid	Yes Yes Yes Yes Yes Yes Yes O.75 mm²
halogen-free sealable silicon-free product extension / installable / supplementary devices Connections	Yes Yes Yes Yes
sealable silicon-free product extension / installable / supplementary devices Connections	Yes Yes Yes Yes
silicon-free product extension / installable / supplementary devices Connections	Yes Yes
product extension / installable / supplementary devices Connections	Yes
Connections	
	0.75 mm ²
connectable conductor cross section / colid	0.75 mm²
Connectable Conductor Cross-Section / Solid	0.75 mm ²
• minimum	0.75 11111
maximum	25 mm²
connectable conductor cross-section / stranded	
• minimum	0.75 mm²
maximum	25 mm²
connectable conductor cross-section / finely stranded / with core end processing	
• minimum	0.75 mm²
maximum	25 mm²
tightening torque / with screw-type terminals	
• minimum	2.5 N·m
maximum	3 N·m
Mechanical Design	
height	90 mm
width	18 mm
depth	76 mm
installation depth	70 mm
number of modular width units	1
mounting position	any
net weight	300 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
maximum	55 °C
ambient temperature / during storage	
• minimum	-40 °C
maximum	75 °C
General Product Declaration of Approval Test Certif	icates





Miscellaneous

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=5SL4232-7RC

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

https://support.industry.siemens.com/cs/ww/en/ps/5SL4232-7RC

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

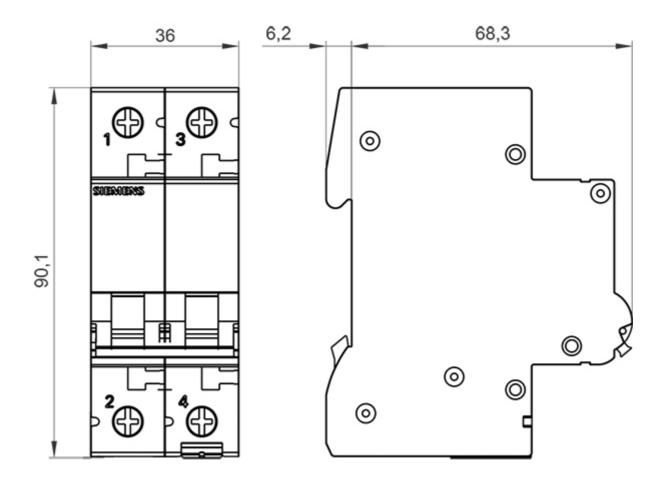
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4232-7RC

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



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