## SIEMENS

## Data sheet

## 5SL6310-7



Miniature circuit breaker 400 V 6kA, 3-pole, C, 10 A

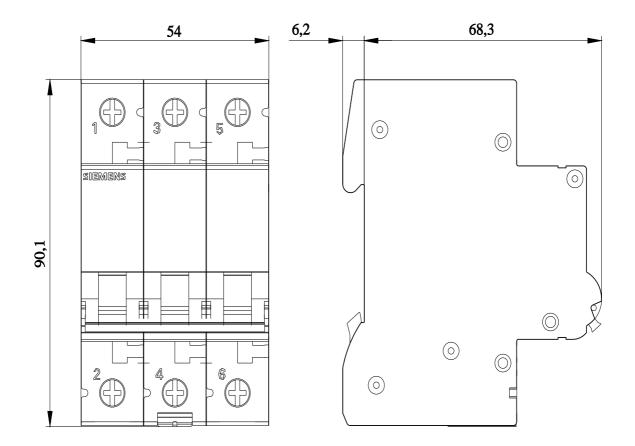
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	3
design of pole	3P
tripping characteristic class	С
mechanical service life (operating cycles) typical	10 000
overvoltage category	III
degree of pollution	2
Voltage	
type of voltage of the operating voltage	AC
insulation voltage (Ui)	
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	440 V
Supply voltage	
supply voltage at AC rated value	400 V
value range of the supply voltage frequency	50/60 Hz
operating voltage	
<ul> <li>with multi-phase operation at AC maximum</li> </ul>	440 V
<ul> <li>at DC rated value maximum</li> </ul>	72 V
Protection class	
protection class IP	IP20, with connected conductors
Switching capacity	
switching capacity current	
<ul> <li>according to EN 60898 rated value</li> </ul>	6 kA
<ul> <li>according to IEC 60947-2 rated value</li> </ul>	6 kA
energy limitation class	
	3
Dissipation	3
	3 1.3 W
Dissipation power loss [W] for rated value of the current at AC in hot	
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole	1.3 W
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole suitability for operation	1.3 W
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole suitability for operation Product details	1.3 W
Dissipation         power loss [W] for rated value of the current at AC in hot operating state per pole         suitability for operation         Product details         product feature	1.3 W Residential buildings/infrastructure
Dissipation         power loss [W] for rated value of the current at AC in hot operating state per pole         suitability for operation         Product details         product feature         • halogen-free	1.3 W Residential buildings/infrastructure Yes
Dissipation         power loss [W] for rated value of the current at AC in hot operating state per pole         suitability for operation         Product details         product feature         • halogen-free         • sealable	1.3 W Residential buildings/infrastructure Yes Yes
Dissipation         power loss [W] for rated value of the current at AC in hot operating state per pole         suitability for operation         Product details         product feature         • halogen-free         • sealable         • silicon-free	1.3 W Residential buildings/infrastructure Yes Yes Yes
Dissipation         power loss [W] for rated value of the current at AC in hot operating state per pole         suitability for operation         Product details         product feature         • halogen-free         • sealable         • silicon-free         product extension installable supplementary devices	1.3 W Residential buildings/infrastructure Yes Yes Yes

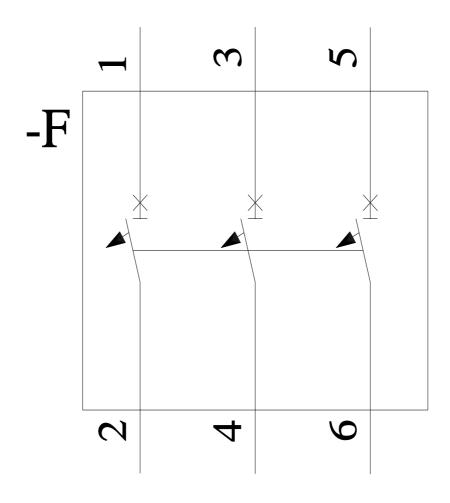


maximum		25 n	nm²		
connectable conductor	cross-section stranded				
<ul> <li>minimum</li> </ul>		0.75	5 mm²		
maximum		25 n	nm²		
connectable conductor end processing	cross-section finely strande	ed with core			
<ul> <li>minimum</li> </ul>		0.75	5 mm²		
maximum		25 n	nm²		
tightening torque with s	crew-type terminals				
<ul> <li>minimum</li> </ul>		2.5	N∙m		
<ul> <li>maximum</li> </ul>		3 N·	m		
Mechanical Design					
height		90 n	nm		
width		54 n	nm		
depth		76 n	nm		
installation depth		70 n	nm		
number of modular wid	th units	3			
mounting position		any			
net weight		345	g		
Environmental conditio	ons				
ambient temperature du	uring operation				
<ul> <li>minimum</li> </ul>		-25	°C		
<ul> <li>maximum</li> </ul>		45 °	С		
ambient temperature du	uring storage				
• minimum		-40	°C		
<ul> <li>maximum</li> </ul>		75 °	С		
Approvals Certificates					
General Product App	roval				Declaration of Con- formity
	Confirmation	^	TOE		
	<u>Confirmation</u>	VDE VDE	ISE	EHC	UK CA
CEBEC CEBEC Declaration of Con- formity	<u>Confirmation</u> other	VDE	<u>TSE</u> Environment	EAC	UK CA
		<u>VDE</u>		EAC	UK CA
formity CE EG-Konf.	other	Confirmation	Environment Environmental Con-	EAC	UK
formity CEG-Konf.	other Miscellaneous		Environment Environmental Con-	EAC	UK
formity CEG-Konf. Further information Siemens has decided	other	et (see here).	Environment Environmental Con- firmations	EAC	UK
formity <b>EG-Konf.</b> Further information Siemens has decided https://press.siemens.co Siemens is working o	other <u>Miscellaneous</u> to exit the Russian market com/global/en/pressrelease/ n the renewal of the curre	et (see here). siemens-wind-down-ru: ent EAC certificates.	Environment Environmental Con- firmations	ERC	
formity <b>EGE</b> EG-Konf. Further information Siemens has decided https://press.siemens.co Siemens is working o Please contact your loc	other <u>Miscellaneous</u> to exit the Russian market com/global/en/pressrelease/ n the renewal of the curre	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E4	Environment Environmental Con- firmations ssian-business	Contraction of the support of the su	
formity <b>E</b> G-Konf. <b>Eurther information</b> <b>Siemens has decided</b> https://press.siemens.co <b>Siemens is working on</b> Please contact your loc EAC relevant market (or Information on the par	other <u>Miscellaneous</u> to exit the Russian marke com/global/en/pressrelease// in the renewal of the curre cal Siemens office on the sta- bother than the sanctioned E/ ickaging	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E/ AEU member states Ru	Environment Environmental Con- firmations ssian-business	Contraction of the support or offer to support	
formity <b>E</b> G-Konf. <b>E</b> G-Konf	other <u>Miscellaneous</u> to exit the Russian marke com/global/en/pressrelease// in the renewal of the curre cal Siemens office on the sta- bother than the sanctioned E/ ickaging .siemens.com/cs/ww/en/vier	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E/ AEU member states Ru w/109813875	Environment Environmental Con- firmations ssian-business	Contraction of the support of other to support of the support of t	
formity <b>E</b> G-Konf. <b>E</b> G-Konf	other <u>Miscellaneous</u> to exit the Russian market com/global/en/pressrelease// in the renewal of the currer cal Siemens office on the sta- ther than the sanctioned E// ckaging .siemens.com/cs/ww/en/vier/ mloadcenter (Catalogs, Br	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E/ AEU member states Ru w/109813875	Environment Environmental Con- firmations ssian-business	Contraction of the sup	
formity General Content of Conte	other <u>Miscellaneous</u> to exit the Russian market com/global/en/pressrelease// an the renewal of the currer cal Siemens office on the star other than the sanctioned E// ckaging .siemens.com/cs/ww/en/vier m/loavcoltage/catalogs ordering system)	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E/ AEU member states Ru w/109813875 rochures,)	Environment Environmental Con- firmations ssian-business AC certification if you intend for the state of the	Co import or offer to sup	
formity General Content of Conte	other <u>Miscellaneous</u> to exit the Russian market com/global/en/pressrelease// an the renewal of the currer cal Siemens office on the star other than the sanctioned E// ckaging .siemens.com/cs/ww/en/vier mloadcenter (Catalogs, Br m/lowvoltage/catalogs ordering system) mens.com/mall/en/en/Catal	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E/ AEU member states Ru w/109813875 rochures,) og/product?mlfb=5SL6	Environment Environmental Con- firmations ssian-business AC certification if you intend for the state of the	Contraction of the sup	
formity General Content of Conte	other <u>Miscellaneous</u> to exit the Russian market com/global/en/pressrelease// an the renewal of the currer cal Siemens office on the star other than the sanctioned E// ckaging .siemens.com/cs/ww/en/vier m/loavcoltage/catalogs ordering system)	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E/ AEU member states Ru w/109813875 rochures,) og/product?mlfb=5SL6 cteristics, FAQs,)	Environment Environmental Con- firmations ssian-business AC certification if you intend for the state of the	Contraction of the sup	
formity Formity Formity Further information Siemens has decided https://press.siemens.co Siemens is working of Please contact your loc EAC relevant market (or Information on the par https://support.industry. Information- and Dow http://www.siemens.cor Industry Mall (Online of https://mall.industry.sienens.cor Industry Mall (Online of https://support.industry.sienens.cor Industry Mall (Online of https://support.industry.sienens.cor Industry Mall (Online of https://support.industry.sienens.cor Industry Mall (Online of https://support.industry.sienens.cor Industry Mall (Online of thttps://support.industry.sienens.cor Industry Mall (Online of thttps://support.industry.siene	other <u>Miscellaneous</u> to exit the Russian market com/global/en/pressrelease// in the renewal of the currer cal Siemens office on the state other than the sanctioned E// ickaging .siemens.com/cs/ww/en/vier/ m/lowoltage/catalogs ordering system) mens.com/mall/en/en/Catal nuals, Certificates, Charact .siemens.com/cs/ww/en/ps/	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E/ AEU member states Ru w/109813875 rochures,) og/product?mlfb=5SL6 cteristics, FAQs,) 5SL6310-7 n drawings, 3D model	Environmental Con- firmations ssian-business AC certification if you intend for the second secon		
formity Formity Formity Formity Further information Siemens has decided https://press.siemens.co Siemens is working of Please contact your loc EAC relevant market (or Information on the par https://support.industry. Information - and Dow http://www.siemens.cor Industry Mall (Online of https://mall.industry.sien Service&Support (Mar https://support.industry. Image database (prod http://www.automation.s.	other <u>Miscellaneous</u> to exit the Russian marke com/global/en/pressrelease// in the renewal of the curre cal Siemens office on the sta other than the sanctioned E/ ickaging .siemens.com/cs/ww/en/vier m/lowvoltage/catalogs ordering system) mens.com/mall/en/en/Catal nuals, Certificates, Charac .siemens.com/cs/ww/en/ps/ luct images, 2D dimension siemens.com/bilddb/cax_er r	et (see here). siemens-wind-down-rus int EAC certificates. atus of validity of the E/ AEU member states Ru w/109813875 rochures,) og/product?mlfb=5SL6 cteristics, FAQs,) 5SL6310-7 n drawings, 3D model	Environmental Con- firmations ssian-business AC certification if you intend for the second secon		
formity Formity Formity Formity Further information Siemens has decided https://press.siemens.co Siemens is working of Please contact your loc EAC relevant market (or Information on the par https://support.industry. Information - and Dow http://www.siemens.cor Industry Mall (Online of https://support.industry.sien Service&Support (Mar https://support.industry. Image database (prod http://www.automation.s. CAx-Online-Generator http://www.siemens.cor	other <u>Miscellaneous</u> to exit the Russian marke com/global/en/pressrelease// in the renewal of the curre cal Siemens office on the sta other than the sanctioned E/ ickaging .siemens.com/cs/ww/en/vier m/lowvoltage/catalogs ordering system) mens.com/mall/en/en/Catal nuals, Certificates, Charac .siemens.com/cs/ww/en/ps/ fuct images, 2D dimension siemens.com/bilddb/cax_er r m/cax	et (see here). siemens-wind-down-rus atus of validity of the E/ AEU member states Ru w/109813875 rochures,) og/product?mlfb=5SL6 cteristics, FAQs,) 5SL6310-7 n drawings, 3D model	Environmental Con- firmations ssian-business AC certification if you intend for the second secon		
formity Formity Formity Formity Further information Siemens has decided https://press.siemens.co Siemens is working of Please contact your loc EAC relevant market (or Information on the par https://support.industry. Information - and Dow http://www.siemens.cor Industry Mall (Online of https://mall.industry.sien Service&Support (Mar https://support.industry. Image database (prod http://www.automation.s.	other <u>Miscellaneous</u> to exit the Russian marke com/global/en/pressrelease// in the renewal of the curre cal Siemens office on the sta other than the sanctioned E// ickaging .siemens.com/cs/ww/en/vie/ rnloadcenter (Catalogs, Br m/lowvoltage/catalogs ordering system) mens.com/mall/en/en/Catal nuals, Certificates, Charac .siemens.com/silven/s/ luct images, 2D dimension siemens.com/bilddb/cax_err r m/cax	et (see here). siemens-wind-down-rus atus of validity of the E/ AEU member states Ru w/109813875 rochures,) og/product?mlfb=5SL6 cteristics, FAQs,) 5SL6310-7 n drawings, 3D model	Environmental Con- firmations ssian-business AC certification if you intend for the second secon		



11/15/2023





9/6/2023 🖸





