



SWITCH DISCONNECTOR 3-POLE I=250A,  
U=690V,  
FRONT ROTARY OPERATING MECHANISM WITHOUT  
HANDLE

Similar to image

**General technical details:**

<b>product brand name</b>		SENTRON
<b>product designation</b>		Switch Disconnecter 3KE
<b>Number of poles</b>		3
<b>Acceptability for application</b>		
• main switch		Yes
• switch disconnecter		Yes
• emergency stop switch		Yes
• safety cut-out switch		Yes
• maintenance/repair switch		Yes
<b>Product extension</b>		
• optional / motor drive		No
• optional / voltage trigger		No
<b>Design of the operating mechanism</b>		manual operating mechanism
<b>Product equipment / interlock</b>		No
<b>Type from device</b>		fixed mounting
<b>type of voltage</b>		AC/DC
<b>Continuous current / rated value</b>	A	250

<b>Breaking capacity limit short-circuit current (I<sub>cu</sub>) / at 400 V / rated value</b>	A	50,000
• optional / interlock		Yes
• auxiliary switch		Yes
<b>Active power loss</b>		
• maximum	W	15
• per conductor / typical	W	5
<b>Insulation voltage / rated value</b>	V	1,000
<b>Impulse voltage resistance / rated value</b>	V	8,000
<b>Item designation</b>		
• according to DIN EN 61346-2		Q
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		Q

#### Main circuit:

<b>Design of the electrical connection</b>		flat connector
• for main current circuit		
<b>Number of poles / for main current circuit</b>		3
<b>Operating current</b>		
• at AC-21		
• at 500 V / rated value	A	250
• at 690 V / rated value	A	250
• rated value	A	250
• at AC-22 A		
• at 400 V / rated value	A	250
• at 500 V / rated value	A	250
• at 690 V / rated value	A	250
• at AC-23 A		
• at 400 V / rated value	A	250
• at 500 V / rated value	A	125
• at 690 V / rated value	A	125
• at AC-3 / at 400 V		
• rated value	A	250
<b>Operating voltage / for DC / rated value</b>	V	440
<b>Operating voltage / at 50/60 Hz / for AC / rated value</b>	V	690

#### Auxiliary circuit:

<b>Number of NC contacts / for auxiliary contacts</b>		0
<b>Number of NO contacts / for auxiliary contacts</b>		0
<b>Number of change-over switches / for auxiliary contacts</b>		0

**Installation/mounting/dimensions:**

<b>Protection against electrical shock</b>		finger-safe
<b>Design of the load switch</b> • Strip form		No
<b>Type of the driving mechanism</b> • motor drive		No
<b>Type of mounting</b> • Rail installation • front mounting with central fixation • front mounting with 4-hole fixation		floor mounting No No No
<b>Width</b>	mm	194
<b>Height</b>	mm	200
<b>Depth</b>	mm	155

**Connections:**

<b>Conductor cross section that can be connected</b> • for main contacts • stranded	/ mm <sup>2</sup>	300
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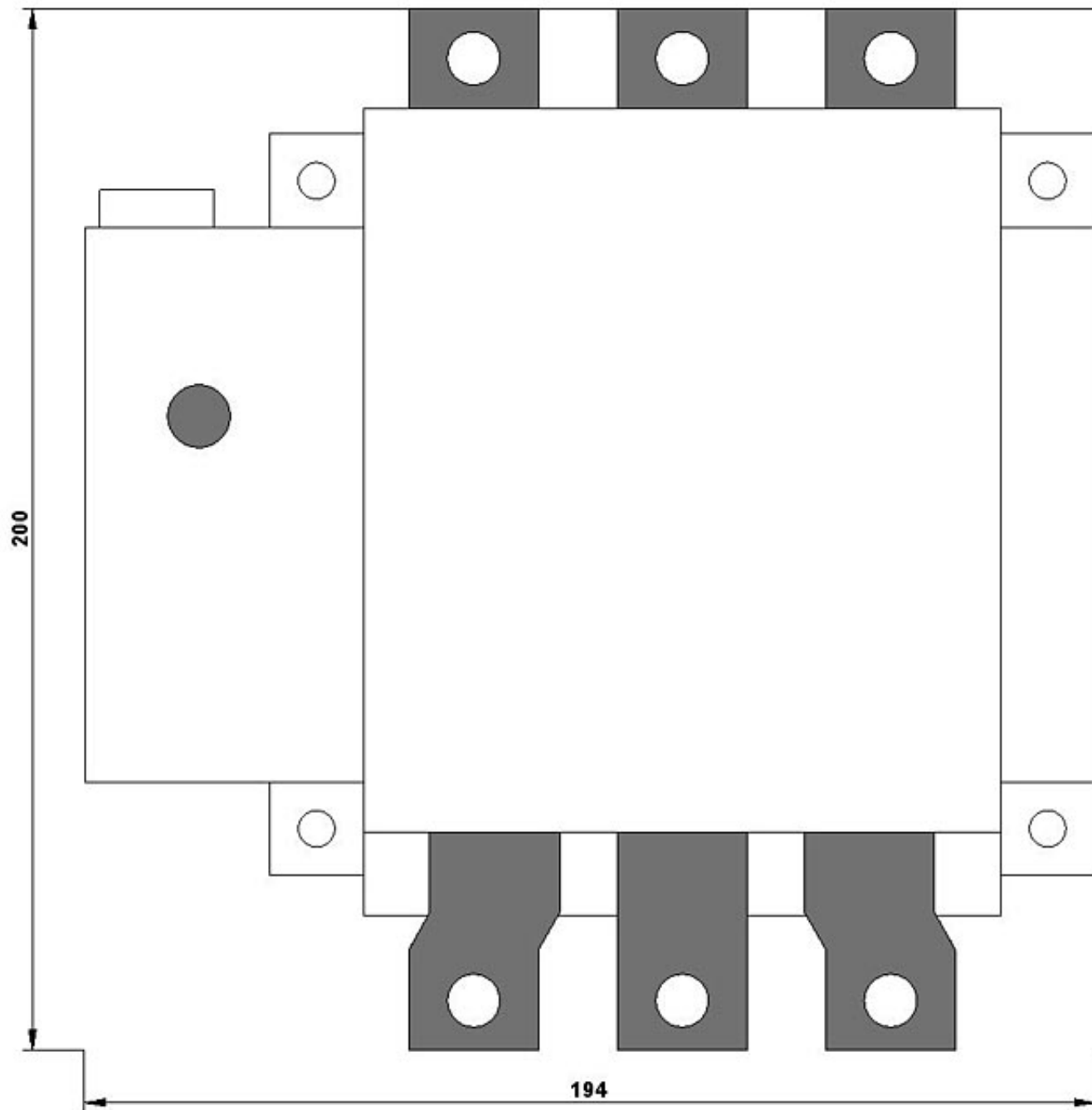
**Ambient conditions:**

<b>Ambient temperature</b> • during operating • during storage	°C	-20 ... +55 °C -50 ... +80
<b>Protection class IP</b>		IP00
<b>Verification of suitability</b>		CE

**Certificates/approvals:**

General Product Approval	Test Certificates	Shipping Approval	other	
 GOST	<a href="#">Special Test Certificate</a>	 PRS	<a href="#">Declaration of Conformity</a>	<a href="#">other</a>

**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/3KE4230-0AA/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KE4230-0AA](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KE4230-0AA)



last change:

Feb 18, 2013