

switch disconnecter 3-pole I=250A, U=690V, rear rotary operating mechanism without handle



Model	
Product brand name	SENTRON
Product designation	Switch Disconnecter 3KE
version	basic switch version without handle, rear operation
Design type	For mounting and installation
Design of the operating mechanism	manual operating mechanism
Design of the load switch / Strip form	No
Type of the driving mechanism / motor drive	No
Number of poles	3
Type of voltage	AC/DC
Insulation voltage / rated value	1 000 V
Protection class	
Protection class IP	IP00
Dissipation	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	5 W
Electricity	
Continuous current / rated value	250 A

Let-through current / I <sub>2 t</sub> / maximum permissible / in utilization category / AC-22 B / at 400 V	2 150 000 A <sup>2</sup> -s
<b>Main circuit</b>	
Number of poles / for main current circuit	3
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
• at DC / rated value	440 V
Rated current I <sub>e</sub> / maximum / in utilization category	
• AC-21 A / at 400 V	250 A
• AC-21 A / at 500 V	250 A
• AC-21 B / at 400 V	250 A
• AC-21 B / at 500 V	250 A
• AC-22 A / at 400 V	250 A
• AC-22 A / at 500 V	250 A
• AC-22 B / at 400 V	250 A
• AC-22 B / at 500 V	250 A
<b>Auxiliary circuit</b>	
Number of CO contacts / for auxiliary contacts	0
Number of NC contacts / for auxiliary contacts	0
Number of NO contacts / for auxiliary contacts	0
Product feature / interlock	No
Product extension	
• Auxiliary switch	Yes
• optional	
— motor drive	No
— Voltage trigger	No
— interlock	Yes
<b>Short circuit</b>	
Maximum short-circuit current breaking capacity (I <sub>cu</sub> ) / at 400 V / rated value	50 000 A
Conditional rated short-circuit current	
• 400V	50 000 A
• 500V	50 000 A
• in utilization category / AC-21 A / at 400 V	50 000 A
• in utilization category / AC-21 A / at 500 V	50 000 A
• in utilization category / AC-21 B / at 400 V	50 000 A
• in utilization category / AC-21 B / at 500 V	50 000 A
• in utilization category / AC-22 A / at 400 V	50 000 A
• in utilization category / AC-22 A / at 500 V	50 000 A
• in utilization category / AC-22 B / at 400 V	50 000 A
• in utilization category / AC-22 B / at 500 V	50 000 A

## Connections

<b>Connectable conductor cross-section</b> <ul style="list-style-type: none"><li>• for main contacts<ul style="list-style-type: none"><li>— stranded / maximum</li></ul></li></ul>	300 mm <sup>2</sup>
Type of connection, main circuit	Flat-type screw terminal; M10
<b>Type of electrical connection</b> <ul style="list-style-type: none"><li>• for main current circuit</li></ul>	flat connector

## Mechanical Design

Height	200 mm
Width	194 mm
Depth	311 mm
Type of mounting	fixed mounted
Mounting type	floor mounting
Mounting type <ul style="list-style-type: none"><li>• front mounting with 4-hole attachment</li><li>• front mounting with central attachment</li><li>• rail mounting</li></ul>	No No No
Net weight	5.25 kg

## Environmental conditions

Ambient temperature <ul style="list-style-type: none"><li>• during operation / minimum</li><li>• during operation / maximum</li><li>• during storage / minimum</li><li>• during storage / maximum</li></ul>	-20 °C 55 °C -50 °C 80 °C
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## Certificates

Certificate of suitability	CE
Reference code / acc. to DIN EN 61346-2	Q

<b>Declaration of Con- formity</b>	<b>Test Certificates</b>	<b>Shipping Approval</b>	<b>other</b>
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[Special Test Certificate](#)



[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=3KE4230-0CA>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KE4230-0CA>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3KE4230-0CA](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KE4230-0CA)

**CAX-Online-Generator**

<http://www.siemens.com/cax>

**Tender specifications**

<http://www.siemens.com/specifications>