



Model	
Product brand name	SETRON
Product designation	Switch disconnecter
Design of the product	Basic versions without handle
Design of the load switch / Strip form	No
Type of the driving mechanism / motor drive	No
General technical data	
Number of poles	3
Type of device	fixed mounting
Electrical endurance (switching cycles) / typical	2 000
circuit-breaker / Design	3KA712
Mechanical service life (switching cycles) / typical	10 000
Type of voltage	AC/DC
Protection class	
Protection class IP	IP00
Electricity	
Operating current / at AC-21 / rated value	160 A
Current / rated value	160 A

Continuous current / rated value	160 A
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Main circuit

Operating voltage	
• rated value	690 V
• at AC / at 50/60 Hz / rated value	690 V
• at DC / rated value	440 V

Suitability

Suitability for use	
• EMERGENCY OFF switch	Yes
• safety switch	Yes

Short circuit

Maximum short-circuit current breaking capacity (Icu) / at 400 V / rated value	100 kA
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Connections

Type of electrical connection	Busbar connection
• for main current circuit	flat connector

Mechanical Design

Height	152 mm
Width	168 mm
Depth	81 mm
Mounting type	floor mounting
Net weight	1.5 kg

Environmental conditions

Ambient temperature	
• during operation / minimum	-20 °C
• during operation / maximum	45 °C

Certificates

Reference code / acc. to DIN EN 61346-2	Q
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Declaration of Conformity	Test Certificates
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[Special Test Certificate](#)

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=3KA7121-3AA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3KA7121-3AA00>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KA7121-3AA00

CAX-Online-Generator

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

Tender specifications

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