



SWITCH DISCONNECTOR 3-POLE I=1000A,
U=690V,
FRONT ROTARY OPERATING MECHANISM WITHOUT
HANDLE WITH TIN-COATED CONTACTS

Similar to image

General technical details:		
product brand name		SENTRON
product designation		Switch Disconnecter 3KE
Number of poles		3
Acceptability for application		
• main switch		Yes
• switch disconnecter		Yes
• emergency stop switch		Yes
• safety cut-out switch		Yes
• maintenance/repair switch		Yes
Product extension		
• optional / motor drive		No
• optional / voltage trigger		No
Design of the operating mechanism		manual operating mechanism
Product equipment / interlock		No
Type from device		fixed mounting
type of voltage		AC/DC
Continuous current / rated value	A	1,000

Breaking capacity limit short-circuit current (Icu) / at 400 V / rated value	A	40,000
• optional / interlock		Yes
• auxiliary switch		Yes
Active power loss		
• maximum	W	180
• per conductor / typical	W	60
Insulation voltage / rated value	V	1,000
Impulse voltage resistance / rated value	V	8,000
Item designation		
• according to DIN EN 61346-2		Q
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		Q

Main circuit:		
Design of the electrical connection		
• for main current circuit		flat connector
Number of poles / for main current circuit		3
Operating current		
• at AC-21		
• at 500 V / rated value	A	1,000
• at 690 V / rated value	A	1,000
• rated value	A	1,000
• at AC-22 A		
• at 400 V / rated value	A	1,000
• at 500 V / rated value	A	800
• at 690 V / rated value	A	800
• at AC-23 A		
• at 400 V / rated value	A	1,000
• at 500 V / rated value	A	315
• at 690 V / rated value	A	315
• at AC-3 / at 400 V		
• rated value	A	1,000
Operating voltage / for DC / rated value	V	440
Operating voltage / at 50/60 Hz / for AC / rated value	V	690

Auxiliary circuit:		
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of change-over switches / for auxiliary contacts		0

Installation/mounting/dimensions:

Protection against electrical shock		finger-safe
Design of the load switch • Strip form		No
Type of the driving mechanism • motor drive		No
Type of mounting • Rail installation • front mounting with central fixation • front mounting with 4-hole fixation		floor mounting No No No
Width	mm	209
Height	mm	290
Depth	mm	161

Connections:**Conductor cross section that can be connected**

- for main contacts
- stranded

/ mm² 480**Ambient conditions:****Ambient temperature**

- during operating
- during storage

°C -20 ... +55
°C -50 ... +80

Protection class IP

IP00

Verification of suitability

CE

Certificates/approvals:**General Product Approval****Test Certificates****other**

CCC



GOST

[Special Test Certificate](#)
[Declaration of Conformity](#)
[other](#)
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/3KE4530-0AA-ZA01/all>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KE4530-0AA-ZA01
CAX-Online-Generator
<http://www.siemens.com/cax>

last change:

Feb 18, 2013