# **SIEMENS**

Product data sheet 3KA5030-1AE01



Similar to image

SWITCH DISCONNECTOR NEW DESIGN IU=63A, UE=690V, 3-POLE BASIC VERSION WITHOUT 8UC6 HANDLE AND SHAFT

General technical details:				
product brand name		SENTRON		
product designation		Switch Disconnector 3KA		
Number of poles		3		
Acceptability for application				
main switch		Yes		
switch disconnector		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		Yes		
Type from device		fixed mounting		
type of voltage		AC/DC		
Continuous current / rated value	A	63		

	_	
Breaking capacity limit short-circuit current (lcu) / at 400 V / rated value	kA	50
• optional / interlock		Yes
auxiliary switch		Yes
Active power loss		
• maximum	W	7
• per conductor / typical	W	2
Insulation voltage / rated value	V	690
Impulse voltage resistance / rated value	V	6,000
Item designation		
according to DIN EN 61346-2		Q
<ul> <li>according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		Q

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	А	63
• at 690 V / rated value	А	63
• rated value	А	63
• at AC-22 A		
• at 400 V / rated value	А	63
• at 500 V / rated value	А	63
• at 690 V / rated value	А	63
• at AC-23 A		
• at 400 V / rated value	А	63
• at 500 V / rated value	А	63
• at 690 V / rated value	А	63
• at AC-3 / at 400 V		
• rated value	А	63
• at DC-23 A		
• at 400 V / rated value	А	63
Service power		
• at AC-23 A		
• at 400 V / at 50/60 Hz / rated value	W	30,000
• at 500 V / at 50/60 Hz / rated value	W	30,000
• at 690 V / at 50/60 Hz / rated value	W	40,000
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:		
mounting position		any
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		floor mounting
Rail installation		No
• front mounting with central fixation		No
• front mounting with 4-hole fixation		No
Width	mm	120
Height	mm	105
Depth	mm	150
Connections:		
Conductor cross section that can be connected		
• for main contacts		
• stranded	/ mm²	35
Ambient conditions:		
Ambient temperature		
during operating	°C	-25 +55
during storage	°C	-50 +80
Protection class IP		IP00
Verification of suitability		CE

Certificates/approvals:

### General Product Approval

## **Test Certificates**

### **Shipping Approval**



Special Test Certificate









other

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,...)

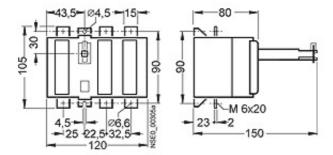
http://support.automation.siemens.com/WW/view/en/3KA5030-1AE01/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3KA5030-1AE01

#### **CAx-Online-Generator**

http://www.siemens.com/cax



last change: Oct 8, 2012