SIEMENS

Product data sheet

3KD2232-2ME10-0



SWITCH-DISCONNECTOR 32A, FRAME SIZE 1, 3-POLE FRONT OPERATING LEFT COMPLETE ASSEMBLY WITH DIRECT HANDLE GREY BOX TERMINAL

Similar to image

General technical details:		
product brand name		SENTRON
Product designation		Switching device
Design of the product		3KD Switch Disconnectors
Size of switch disconnector		1
Number of poles		3
Continuous current		
rated value	А	32
• at 40 °C / rated value	А	32
• at 45 °C / rated value	А	32
• at 50 °C / rated value	А	32
• at 55 °C / rated value	А	32
• at 60 °C / rated value	А	32
• at 65 °C / rated value	А	32
• at 70 °C / rated value	А	32
• at DC / rated value	А	32
Operating current		
• at AC-21 A		
• at 400 V / maximum	А	32

• at 500 V / maximum	А	32
• at 690 V / maximum	А	32
• at AC-22 A		
• at 400 V / at 50/60 Hz / rated value / maximum	А	32
• at 500 V / at 50/60 Hz / rated value / maximum	А	32
• at 690 V / at 50/60 Hz / rated value / maximum	А	32
• at AC-23 A		
• at 400 V / at 50/60 Hz / rated value / maximum	А	32
• at 500 V / at 50/60 Hz / rated value / maximum	А	32
• at 690 V / at 50/60 Hz / rated value / maximum	А	32
• at DC-21 A		
• at 220 V / maximum / note		32 / 2
• at 440 V / rated value / maximum / note		32 / 3
• at DC-22 A		
• at 220 V / rated value / maximum / note		32 / 2
• at 440 V / rated value / maximum / note		32 / 3
• at DC-23 A		
• at 220 V / rated value / maximum / note		32 / 2
• at 440 V / rated value / maximum / note		32 / 3
Operational voltage		
• at 50/60 Hz / for AC / rated value	V	690
• with 3 current paths in series / with DC / rated value	V	440
Insulation voltage / rated value	V	1,000
Impulse voltage resistance / rated value	kV	8
Overvoltage class		Ш
Operating power / at AC-23 A		
• at 400 V / at 50/60 Hz / rated value	kW	15
• at 500 V / at 50/60 Hz / rated value	kW	18.5
• at 690 V / at 50/60 Hz / rated value	kW	30
I2t value / with closed switch		
 for combination switch + fuse 		
• at 400 V / maximum	A²·s	13,300
• at 500 V / maximum	A²·s	13,300
• at 690 V		
 for combination switch +gG fuse / maximum 	A²·s	13,700
Let-through current / with closed switch		
 for combination switch + fuse 		
a at 100 V// mavimum narmiasible		
 at 400 V / maximum permissible 	A	7,000
at 400 V / maximum permissible at 500 V / maximum permissible	A A	7,000 7,000

Interface current resistance (even) limited of a strated value KA 3 Making capacity short-circuit current (icm) / for switch disconnector / without fuse link / rated value / minimum KA 3 Conditional short-circuit current (with line-side fuse protection / without fuse link / rated value KA 100 - at 500 V/ by gG luse / rated value KA 100 100 - at 500 V/ by gG luse / rated value KA 100 100 - at 500 V/ by gG luse / rated value KA 100 100 - at 500 V/ by gG luse / rated value KA 100 100 - at 500 V/ by gG luse / rated value KA 100 100 - at 500 V/ by gG luse / rated value KA 100 100 - brocket stemision / optional / motor drive No No 100 Product stemision / optional / motor drive No No 100 - standed I/ I	 with combination switch +aM fuse / maximum permissible 	А	7,500
Making capacity short-circuit current (vithout fued / minimum IkA 7 Conditional short-circuit current / with line-side (use protection + at 500 V/ by gG (use / rated value IkA 100 • at 500 V/ by gG (use / rated value IkA 100 Active power loss / with conventional rated thermal current / per pole W 0.6 Product equipment / interlock V No Type of the driving mechanism / motor drive No No Product equipment / interlock Ix1 No Type of the driving mechanism / motor drive No No Product equipment / interlock Ix1 No rist organ conductor No No *ist organ conductor Ix1 Ix1 Ix1 *ist organ conductor Ix1 Ix1 Ix1 *ist organ conductor Ix1 Ix1 Ix1 Number of connected NC contacts / for auxiliary contacts O Ix1 Number of connected Acongeover contacts / for auxiliary contacts Ix1 Ix1 Ix1 Number of No Contacts / for auxiliary contacts Ix1 Ix1 Ix1 I		-	
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Active power loss / with conventional rated thermal current / per pole W 0.6 Product equipment / interlock Ves Type of the driving mechanism / motor drive No Product extension / optional / motor drive No Design of the electrical connection / for main current circuit Box terminal Type of connectable conductor cross-sections for copper conductor solid stranded finely stranded / with end sleeve with flexible busbar 1x (1 16mm ³) Number of connected NC contacts / for auxiliary contacts 0 Number of connected NC contacts / for auxiliary contacts 0 Number of connected / with end sleeve vito / flexible busbar Number of connected NC contacts / for auxiliary contacts 0 Number of connected / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts	• at 500 V / by gG fuse / rated value	kA	100
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Type of the driving mechanism / motor drive No Product extension / optional / motor drive No Design of the electrical connection / for main current circuit Box terminal Type of connectable conductor cross-sections		W	0.6
Product extension / optional / motor drive No Design of the electrical connection / for main current circuit Box terminal Type of connectable conductor cross-sections For coopper conductor • solid 1x (1 16mm?) • stranded 1x (1 16mm?) • timely stranded / with end sleeve 2x (0.3x9 mm?) • with flexible busbar 0 Number of connected NC contacts / for auxiliary contacts 0 Number of connected NC contacts / for auxiliary contacts 0 Number of Connected / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 1 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 1 Number of NC contacts / for auxiliary contacts 1 Number of NC contacts / for auxiliary contacts 1	Product equipment / interlock		Yes
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Number of connected changeover contacts / for auxiliary contacts0Product extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts0Number of NC contacts / for auxiliary contacts0Number of NO contacts / for auxiliary contacts4Acceptability for application / switch disconnector4Acceptability for application / switch disconnectorYes• emergency stop switchNo• main switchYes• safety cut-out switchYes• safety cut-out switchYes• maintenance/repair switchYesDesign of the operating mechanismMounting type / rail mountingMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with central attachmentNoMounting type / front mounting with 2-hole attachmentMo <td>Number of connected NC contacts / for auxiliary contacts</td> <td></td> <td>0</td>	Number of connected NC contacts / for auxiliary contacts		0
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Number of NC contacts / for auxiliary contacts0Number of NO contacts / for auxiliary contacts0Number of changeover contacts / for auxiliary contacts4Acceptability for application / switch disconnectorYesAcceptability for applicationNo• emergency stop switchNo• main switchYes• safety cut-out switchYes• maintenance/repair switchYesDesign of the operating mechanismmanual operating mechanismMounting type / rail mountingYesMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with central attachmentNoMounting type / front mounting with central attachmentNoType from deviceMixed mountingMounting type / front mounting with central attachmentNoMounting type / front mounting with central attachmentMoMounting Moun			0
Number of NO contacts / for auxiliary contacts0Number of changeover contacts / for auxiliary contacts4Acceptability for application / switch disconnectorYesAcceptability for application / switch disconnectorNo• emergency stop switchNo• emergency stop switchYes• main switchYes• safety cut-out switchYes• maintenance/repair switchYes• maintenance/repair switchYesDesign of the operating mechanismFloor mounting and snap-on mounting to 35 mm standard mounting railMounting type / rail mountingYesMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with central attachmentNoType from devicefixed mounting	Product extension / auxiliary switch		Yes
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• main switchYes• safety cut-out switchYes• maintenance/repair switchYesDesign of the operating mechanismMounting typeMounting typeFloor mounting and snap-on mounting to 35 mm standard mounting railMounting type / rail mountingYesMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with central attachmentNoType from devicefixed mounting	Acceptability for application	-	
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• maintenance/repair switchYesDesign of the operating mechanismmanual operating mechanismMounting typeFloor mounting and snap-on mounting to 35 mm standard mounting railMounting type / rail mountingYesMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with central attachmentNoType from devicefixed mounting	main switch		Yes
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Mounting typeFloor mounting and snap-on mounting to 35 mm standard mounting railMounting type / rail mountingYesMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with central attachmentNoMounting type / front mounting with central attachmentNoType from devicefixed mounting	maintenance/repair switch		Yes
Mounting type / rail mountingYesMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with central attachmentNoMounting type / front mounting with central attachmentNoType from devicefixed mounting	Design of the operating mechanism		manual operating mechanism
Mounting type / front mounting with 4-hole attachment No Mounting type / front mounting with central attachment No Type from device fixed mounting	Mounting type		
Mounting type / front mounting with central attachment No Type from device fixed mounting	Mounting type / rail mounting		Yes
Type from device fixed mounting	Mounting type / front mounting with 4-hole attachment		No
	Mounting type / front mounting with central attachment		No
mounting position any	Type from device		fixed mounting
	mounting position		any

Position / of switch operating mechanisma the left endDesign of handledirect handle, greyWidthMm94HeightMm19DepthMm7DepthMm190on the frontIP20IP20with closed switch / with cover or cable lug coverIP20during operatingC-55+70oduring operating°C-50+80oduring operating coverIP2during operating coverIP2during to practing coverSduring operating coverSoduring storageSDegree of pollutionIP3sta AC-23 A/ at 690 V/ at 50/60 HZSwit AC-23 A/I,500wit AC-23 A/I,500at 420 VI,500wit AD-23 A/I,500wit AD-24I,500wit AD-25IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		_	
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Depthmm87Protection class IPIP20• on the frontIP20• on the frontIP20• with closed switch / with cover or cable lug coverIP20Ambient temperatureIP20• during operating°C• during storage°CDegree of pollutionSImage: StorageSImage: StorageImage: StorageDegree of pollutionImage: StorageImage: Storage <td>Width</td> <td>mm</td> <td>94</td>	Width	mm	94
Protection class IPIP20• on the frontIP20• with closed switch / with cover or cable lug coverIP20Ambient temperatureIP20• during operating°C• during storage°C• during storage°CDegree of pollutionSBechanical operating cycles as operating time / typicalIS000• at AC-23 A / at 690 V / at 50/60 Hz6,000• at AC-23 A1,500• at AC-23 AIS00• at AC-24IS00• at AC-25IS00• at AC-25IS00• at AC-26IS00•	Height	mm	119
And constant of the frontIn the frontIP20• with closed switch / with cover or cable lug coverIP20Ambient temperatureIP20• during operating°C• during storage°C• during storage°C• Degree of pollution°CBedere of pollution°C• during cycles as operating time / typical°C• at AC-23 A / at 690 V / at 50/60 Hz·• at AC-23 A / at 690 V / at 50/60 Hz·• at AC-23 A·• bitori indicator manual operation·• bitori indicator manual operation	Depth	mm	87
with closed switch / with cover or cable lug coverP20Ambient temperature• during operating°C• during storage°C• during storage°CDegree of pollutionMechanical operating cycles as operating time / typical• dur AC-23 A / at 690 V / at 50/60 Hz• at AC-23 A / at 690 V / at 50/60 Hz• at 220 V• at 400 V• bigs of display• for switch position indicator manual operationImage: Color Co	Protection class IP		IP20
Ambient temperatureImage: Note of the second se	• on the front		IP20
• during operating°C-25 +70• during storage°C-50 +80• Degree of pollution3Mechanical operating cycles as operating time / typical15,000Electrical endurance (switching cycles)6,000• at AC-23 A / at 690 V / at 50/60 Hz6,000• at 220 V1,500• at 420 V1,500• at 440 V1,500Design of display0N-OFF-TEST• for switch position indicator manual operationgNet weightgReference code / according to DIN EN 61346-2G	with closed switch / with cover or cable lug cover		IP20
• during sprankg• defEdit of the formula• during storage°C-50 +80• Degree of pollution3Mechanical operating cycles as operating time / typical15,000Electrical endurance (switching cycles)6,000• at AC-23 A / at 690 V / at 50/60 Hz6,000• at DC-23 A1,500• at 220 V1,500• at 440 V1,500Design of display0N-OFF-TEST• for switch position indicator manual operationg750750Reference code / according to DIN EN 61346-2G	Ambient temperature		
Degree of pollution3Mechanical operating cycles as operating time / typical15,000Electrical endurance (switching cycles)6,000• at AC-23 A / at 690 V / at 50/60 Hz6,000• at DC-23 A1,500• at 220 V1,500• at 440 V1,500Design of displayON-OFF-TESTNet weightgReference code / according to DIN EN 61346-2gQuertQ	during operating	°C	-25 +70
Mechanical operating cycles as operating time / typical15,000Electrical endurance (switching cycles)6,000• at AC-23 A / at 690 V / at 50/60 Hz6,000• at DC-23 A1,500• at 220 V1,500• at 440 V1,500Design of display0N-OFF-TEST• for switch position indicator manual operationgNet weightgReference code / according to DIN EN 61346-2Q	during storage	°C	-50 +80
Electrical endurance (switching cycles)A• at AC-23 A / at 690 V / at 50/60 Hz6,000• at DC-23 A1,500• at 220 V1,500• at 440 V1,500• besign of display6,000• for switch position indicator manual operationMNet weightgReference code / according to DIN EN 61346-2I<	Degree of pollution		3
• at AC-23 A / at 690 V / at 50/60 Hz6,000• at DC-23 A1,500• at 220 V1,500• at 440 V1,500Design of display1,500• for switch position indicator manual operationON-OFF-TESTNet weightg750Reference code / according to DIN EN 61346-2Q	Mechanical operating cycles as operating time / typical		15,000
• at DC-23 AImage: Constraint of the second sec	Electrical endurance (switching cycles)		
• at 220 V1,500• at 440 V1,500Design of display-• for switch position indicator manual operationON-OFF-TESTNet weightg750Reference code / according to DIN EN 61346-2Q	• at AC-23 A / at 690 V / at 50/60 Hz		6,000
• at 440 ∨1,500Design of display• for switch position indicator manual operationON-OFF-TESTNet weightg750Reference code / according to DIN EN 61346-2Q	• at DC-23 A		
Design of display one of the second	• at 220 V		1,500
• for switch position indicator manual operationON-OFF-TESTNet weightg750Reference code / according to DIN EN 61346-2Q	• at 440 V		1,500
Net weight g 750 Reference code / according to DIN EN 61346-2 Q	Design of display		
Reference code / according to DIN EN 61346-2	for switch position indicator manual operation		ON-OFF-TEST
	Net weight	g	750
Item designation / according to DIN EN 81346-2 Q	Reference code / according to DIN EN 61346-2		Q
	Item designation / according to DIN EN 81346-2		Q

Certificates/approvals:

General Product Dee Approval

Declaration of Conformity





Further information:

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD2232-2ME10-0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3KD2232-2ME10-0/all

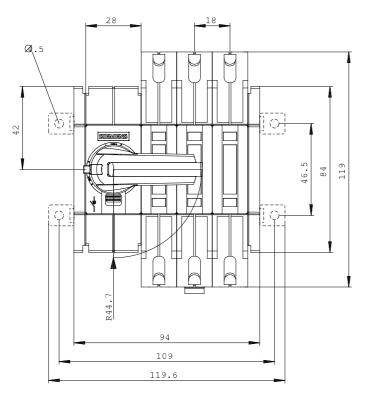
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

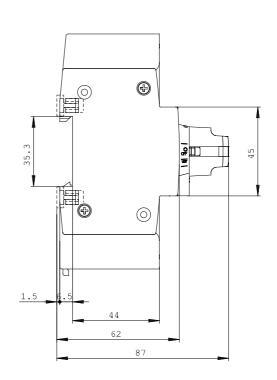
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD2232-2ME10-0

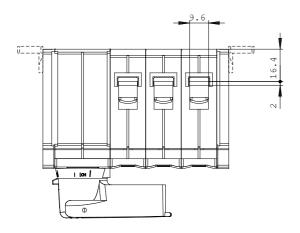
CAx-Online-Generator

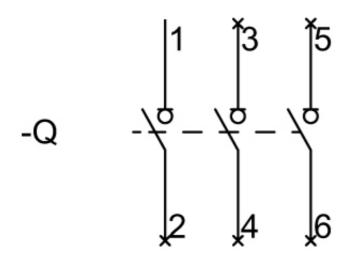
http://www.siemens.com/cax

Tender specifications Datanorm GAEB81 GAEB83 RTF TXT









last change:

Apr 21, 2014