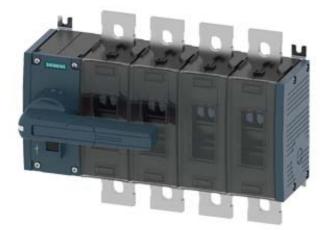
SIEMENS

Product data sheet

3KD4842-0QE10-0

SWITCH-DISCONNECTOR 800A, FRAME SIZE 4, 4-POLE FRONT OPERATING LEFT COMPLETE ASSEMBLY WITH DIRECT HANDLE GREY FLAT 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		4
Number of poles		4
Continuous current		
rated value	А	800
• at 40 °C / rated value	А	800
• at 45 °C / rated value	А	800
• at 50 °C / rated value	А	800
• at 55 °C / rated value	А	800
• at 60 °C / rated value	А	630
• at 65 °C / rated value	А	630
• at 70 °C / rated value	А	630
• at DC / rated value	А	800
Operating current		
• at AC-21 A		
• at 400 V / maximum	А	800

А	800
А	800
А	800
А	800
А	800
А	670
А	630
А	500
_	
V	690
V	440
V	1,000
kV	12
	IV
_	
kW	355
kW	400
kW	500
_	
A²·s	7,471,700
A²·s	7,471,700
A²·s	10,300,000
_	
А	63,700
А	63,700
А	70,400
kA	30
kA	63
kA	65
kA	50
W	35
	A A A A A A A A A A V V V V V V k V k W k W k W k W k W k W

Product equipment / interlock Yes Type of the driving mechanism / motor drive No Product extension / optional / motor drive No Design of the deferical connection / for main current circuit flat connector Type of connectable conductor cress-sections iflat connector • tor copper conductor / stranded / with fug iflat (25 240 mm?), 2x (25 240 mm?) • according to DIN 46234 1x (25 240 mm?), 2x (25 240 mm?) • according to DIN 46235 0 Number of connected NC contacts / for auxiliary contacts 0 Number of connected Contacts / for auxiliary contacts 0 Number of connected / for cuxlilary contacts 0 Number of NC contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 0 Acceptability for application Yes • conservery stop switch No • emaintenance/repairs witch Yes • maintenance/repairs witch Yes • emaintenance/repairs witch Yes • emaintenance/repairs witch Yes • emaintenance/repairs witch Yes • emaintenance/repairs witch </th <th></th> <th></th> <th></th>			
Product extension / optional / motor drive No Design of the electrical connection / for main current circuit flat connector Type of connectable conductor cross-sections icroopper conductor / stranded / with lug • lor coopper conductor / stranded / with lug ix (25 240 mm?), 2x (25 240 mm?) • according to DIN 48235 0 Number of connected NC contacts / for auxiliary contacts 0 Number of connected ND contacts / for auxiliary contacts 0 Number of connected ND contacts / for auxiliary contacts 0 Number of connected ND contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 8 Number of ND contacts / for auxiliary contacts 9 • emergency stop switch Yes • emergency stop switch Yes • maintenance/repair switch Yes Design of the operating mechanism manual operating mechanism Mounting type / rott mounting with 4-hole statchment No Mount	Product equipment / interlock		Yes
Design of the electrical connection / for main current circuit Ital connector Type of connectable conductor cross-sections • for copper conductor / stranded / with lug • according to DIN 46234 • according to DIN 46235 1x (25 240 mm ²), 2x (25 240 mm ²) Number of connected NC contacts / for auxiliary contacts 0 Number of connected NC contacts / for auxiliary contacts 0 Number of connected Contacts / for auxiliary contacts 0 Number of connected Contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 0 Acceptability for application Yes • emergency stop switch No • maintenance/repair switch Yes • maintenance/repair switch Yes Mounting type / firont mounting with central attachment No Mounting type / firont mounting with central attachment No Type front device field mounting mounting position any Position / of switch operating mechanism field mounting Mounting type / front mounting with central attachment No<	Type of the driving mechanism / motor drive		No
Type of connectable conductor cross-sections Image: conductor / stranded / with lug Image: conductor / stranded / with lug • according to DIN 46234 1x (25 240 mm?), 2x (25 240 mm?) • according to DIN 46235 0 Number of connected NC contacts / for auxiliary contacts 0 Number of connected Changeover contacts / for auxiliary contacts 0 Product extension / auxiliary switch Ves Number of NC contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 8 Number of NC contacts / for auxiliary contacts 0 Acceptability for application / switch disconnector Yes • emergency stop switch No • maintennec/repair switch Yes • maintennec/repair switch Yes • maintennec/repair switch No Mounting type / front mounting with 4-hole attachment No Mounting type / front mounting with 4-hole attachment No Mounting type / front mounting with 4-hole attachment No Mounting type / front mounting with 4-hole attachment No Type front device	Product extension / optional / motor drive		No
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Number of NC contacts / for auxiliary contacts8Number of NO contacts / for auxiliary contacts0Acceptability for application / switch disconnectorVesAcceptability for application / switch disconnectorNo• emergency stop switchNo• main switchYes• safety cut-out switchYes• safety cut-out switchYes• maintenance/repair switchYesDesign of the operating mechanismMounting typeMounting type / rail mountingMoMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with central attachmentNoType from devicefixed mountingmounting positionanyPosition / of switch operating mechanismat the left endDesign of handlemmDesign of handlemmPosition / of switch operating mechanismFixed mountingPosition / of switch operating mechanismImmDesign of handlemmDesign of handlemmProtection class IPimm• with closed switch / with cover or cable lug coveriP20			0
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Number of changeover contacts / for auxiliary contacts0Acceptability for application / switch disconnectorYesAcceptability for applicationNo• emergency stop switchNo• main switchYes• safety cut-out switchYes• safety cut-out switchYes• maintenance/repair switchYesDesign of the operating mechanismmanual operating mechanismMounting typefloor mountingMounting type / rail mountingNoMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with 4-hole attachmentNoMounting type / front mounting with entral attachmentNoMounting positionanyPosition / of switch operating mechanismat the left endDesign of handlemm320Widthmm320Heightmm166.5Protection class IPiP00• on the frontiP00• with closed switch / with cover or cable lug coveriP20	Number of NC contacts / for auxiliary contacts		8
Acceptability for application / switch disconnector Yes Acceptability for application No • emergency stop switch No • main switch Yes • safety cut-out switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes • maintenance/repair switch Yes Design of the operating mechanism Mounting type Mounting type floor mounting Mounting type / rail mounting No Mounting type / front mounting with 4-hole attachment No Mounting type / front mounting with 4-hole attachment No Mounting type / front mounting with central attachment No Type from device fixed mounting mounting position any Position / of switch operating mechanism any Design of handle mm 320 Width 320 mm 325 Depth mm 166.5 1P00 • on the front IP00 IP00 IP00 • with closed switch / with cover or cable lug cover IP	Number of NO contacts / for auxiliary contacts		8
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Widthnmm320Heightnmm235Depthnmm166.5Protection class IPIP00• on the frontIP00• with closed switch / with cover or cable lug coverIP20	Position / of switch operating mechanism		at the left end
Heightmm235Depthmm166.5Protection class IPIP00• on the frontIP00• with closed switch / with cover or cable lug coverIP20	Design of handle		direct handle, grey
Depth mm 166.5 Protection class IP IP00 • on the front IP00 • with closed switch / with cover or cable lug cover IP20	Width	mm	320
Protection class IP IP00 • on the front IP00 • with closed switch / with cover or cable lug cover IP20	Height	mm	235
• on the front IP00 • with closed switch / with cover or cable lug cover IP20	Depth	mm	166.5
• with closed switch / with cover or cable lug cover IP20	Protection class IP		IP00
	• on the front		IP00
Ambient temperature	with closed switch / with cover or cable lug cover		IP20
	Ambient temperature		
• during operating °C -25 +70	during operating	°C	-25 +70
• during storage °C -50 +80	during storage	°C	-50 +80

Degree of pollution	-	3
Mechanical operating cycles as operating time / typical		8,000
Electrical endurance (switching cycles)		
• at AC-23 A / at 690 V / at 50/60 Hz		1,000
• at DC-23 A		
• at 220 V		500
• at 440 V		500
Design of display		
 for switch position indicator manual operation 		ON-OFF-TEST
Net weight	g	9,400
Reference code / according to DIN EN 61346-2		Q
Item designation / according to DIN EN 81346-2		Q

Certificates/appro	vals:
General Product Approval	Declaration of Conformity
PG	(

Further information:

GOST

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

EG-Konf.

Industry Mall (Online ordering system)

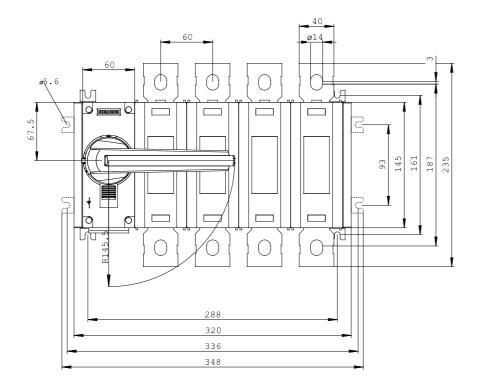
https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3KD4842-0QE10-0

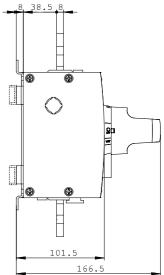
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3KD4842-0QE10-0/all

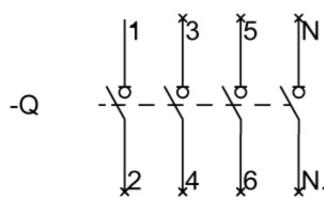
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD4842-0QE10-0

CAx-Online-Generator

http://www.siemens.com/cax







last change:

Apr 21, 2014