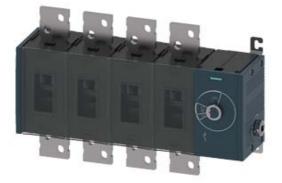
SIEMENS

Data sheet

3KD5244-0RE40-0

SWITCH-DISCONNECTOR 1250A, FRAME SIZE 5, 4-POLE SIDE OPERATING RIGHT BASIC UNIT WITHOUT HANDLE FLAT TERMINAL



Model		
product brand name		SENTRON
Product designation		Switching device
Design of the product		3KD switch disconnectors
Design of the operating mechanism		without
Design of handle		without
Type of the driving mechanism / motor drive		No
General technical data		
Number of poles		4
Type of device		fixed mounting
circuit-breaker / Design		3KD5
Mechanical service life (switching cycles) / typical		6 000
Overvoltage category		IV
Voltage		
Insulation voltage / Rated value	V	1 000
Surge voltage resistance / Rated value	kV	12
Protection class		
Protection class IP		IP00
Protection class IP / on the front		IP00
Dissipation		
Active power loss		
 with conventional rated thermal current / per pole 	W	70

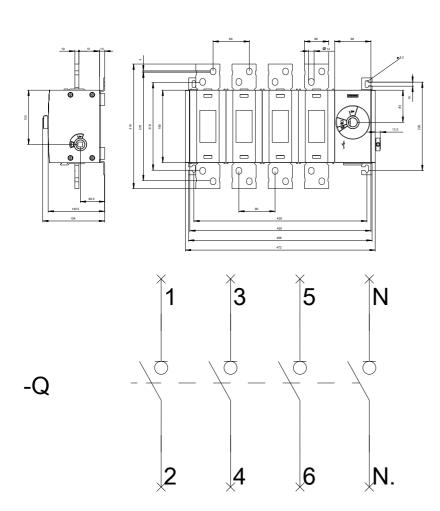
Electricity		
Continuous current	_	
 Rated value 	А	1 250
● at 40 °C / Rated value	А	1 250
● at 45 °C / Rated value	А	1 250
● at 50 °C / Rated value	А	1 250
● at 55 °C / Rated value	А	1 250
• at 60 °C / Rated value	А	1 250
• at 65 °C / Rated value	А	1 250
• at 70 °C / Rated value	А	1 250
Short-time current resistance (Icw) / limited to 1 s / Rated value	kA	50
Main circuit		
Operating power		
• at AC-23 A / at 400 V / at 50/60 Hz / Rated value	kW	400
• at AC-23 A / at 500 V / at 50/60 Hz / Rated value	kW	560
• at AC-23 A / at 690 V / at 50/60 Hz / Rated value	kW	800
Operating voltage		
• with AC / at 50/60 Hz / Rated value	V	690
Auxiliary circuit		
Number of CO contacts / for auxiliary contacts		0
Number of NC contacts / for auxiliary contacts		8
Number of NO contacts / for auxiliary contacts		8
Suitability		
Suitability for use		
Main switch		Yes
switch disconnector		Yes
EMERGENCY OFF switch		No
 safety switch 		Yes
 maintenance/repair switch 		Yes
Product details		
Product feature / interlock		No
Product component		
• Trip indicator		No
Voltage trigger		No
 undervoltage release 		No
 undervoltage release with leading contact 		No
Product expansion		

 optional motor drive Votage trigger No No No connections connection flat connector flat connector flat connector flat connector Height mm 310 Width mm 484.5 Depth mm flat connector Height mm 484.5 Depth mm flat connector Mounting position mm flat connector Mounting type floor mounting Mounting type floor mounting Moon floor mounting No invironmental conditions nvironmental conditions nvironmental conditions conditions conditing storage / maximum<th> Auxiliary switch </th><th></th><th>Yes</th>	 Auxiliary switch 		Yes		
	● optional				
Onnections Type of electrical connection • for main current circuit flat connector techanical Design Height mm 310 Width mm 484.5 Depth mm 154 mounting position any Mounting type Mounting type floor mounting Mounting type floor mounting • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting No novironmental conditions Z Ambient temperature C -25 • during operation / minimum °C -25 • during storage / minimum °C -50 • during storage / maximum °C 30 Certificates Equipment marking / acc. to DIN EN 61346-2 Q Declaration of Conformity	— motor drive		No		
Type of electrical connection flat connector • for main current circuit flat connector techanical Design mm 310 Width mm 484.5 Depth mm 154 mounting position any Mounting type Mounting type floor mounting floor mounting Mounting type floor mounting mounting • front mounting with 4-hole attachment No No • front mounting with central attachment No No • rail mounting No No No nvironmental conditions Ambient temperature • during operation / maximum °C -25 • during operation / maximum °C -50 -50 -50 • during storage / minimum °C -50 -50 -50 -50 -50 • during storage / maximum °C 80 -40 <td>— Voltage trigger</td> <td></td> <td>No</td>	— Voltage trigger		No		
• for main current circuit flat connector techanical Design mm 310 Width mm 484.5 Depth mm 154 mounting position any Mounting type floor mounting • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting No Ambient temperature • during operation / minimum °C °C<	onnections				
Interview of the order Interview Interview <td>Type of electrical connection</td> <td></td> <td></td>	Type of electrical connection				
Height mm 310 Width mm 484.5 Depth mm 154 mounting position any Mounting type floor mounting • front mounting with 4-hole attachment No • front mounting with central attachment No • front mounting No • rail mounting No nvironmental conditions No Ambient temperature °C -25 • during operation / minimum °C -25 • during storage / minimum °C -50 • during storage / maximum °C 80 • critificates Equipment marking / acc. to DIN EN 61346-2 Q General Product Approval Declaration of Conformity	• for main current circuit		flat connector		
Width mm 484.5 Depth mm 154 mounting position any Mounting type floor mounting • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting No nvironmental conditions No Ambient temperature • C • during operation / minimum °C • during storage / minimum °C • during storage / maximum °C	lechanical Design				
Image: Section in the section is any interval interval in the section is any interval i	Height	mm	310		
mounting position any Mounting type floor mounting • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting No • during operation / minimum °C -25 • during operation / maximum °C 70 • during storage / minimum °C -50 • during storage / maximum °C 80	Width	mm	484.5		
Mounting type floor mounting Mounting type • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting No nvironmental conditions No Ambient temperature • C • during operation / minimum °C • during operation / maximum °C • during storage / minimum °C • during storage / maximum °C • cutificates Equipment marking / acc. to DIN EN 61346-2 Q General Product Approval Declaration of Conformity	Depth	mm	154		
Mounting type • front mounting with 4-hole attachment No • front mounting with central attachment No • rail mounting No • rail mounting No nvironmental conditions Ambient temperature • during operation / minimum °C -25 • during operation / maximum °C 70 • during storage / minimum °C • during storage / maximum °C • curing storage / maximum °C	mounting position		any		
 front mounting with 4-hole attachment front mounting with central attachment rail mounting rail mounting nvironmental conditions Ambient temperature during operation / minimum °C -25 during operation / maximum °C 70 during storage / minimum °C -50 during storage / maximum °C 60 Certificates Equipment marking / acc. to DIN EN 61346-2 Q Declaration of Conformity	Mounting type		floor mounting		
 front mounting with central attachment rail mounting rail mounting No No	Mounting type				
 rail mounting No nvironmental conditions Ambient temperature during operation / minimum °C -25 -26 -27 -27 -27 -28 -29 -20 -20	 front mounting with 4-hole attachment 		No		
Invironmental conditions Ambient temperature • during operation / minimum °C -25 • during operation / maximum °C 70 • during storage / minimum °C -50 • during storage / maximum °C 80 Certificates Equipment marking / acc. to DIN EN 61346-2 Q General Product Approval Declaration of Conformity	 front mounting with central attachment 		No		
Ambient temperature °C -25 • during operation / minimum °C 70 • during storage / minimum °C -50 • during storage / minimum °C -50 • during storage / maximum °C 80 Certificates Equipment marking / acc. to DIN EN 61346-2 Q General Product Approval Declaration of Conformity	● rail mounting		No		
 during operation / minimum °C -25 °C °C 70 ouring storage / minimum °C °C -50 °C 80 Certificates Equipment marking / acc. to DIN EN 61346-2 Q General Product Approval Declaration of Conformity					
 during operation / maximum during operation / maximum C during storage / minimum C -50 during storage / maximum C 80 					
• during storage / minimum • during storage / minimum • during storage / maximum • C	 during operation / minimum 	-	-25		
• during storage / maximum • during storage / maximum • C 80 Certificates Equipment marking / acc. to DIN EN 61346-2 Q General Product Approval Declaration of Conformity	 during operation / maximum 	°C	70		
Certificates Equipment marking / acc. to DIN EN 61346-2 Q General Product Approval Declaration of Conformity	 during storage / minimum 	°C	-50		
Equipment marking / acc. to DIN EN 61346-2 Q General Product Approval Declaration of Conformity	 during storage / maximum 	°C	80		
General Product Approval Declaration of Conformity	ertificates				
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ος Δ της ζζ	General Product Approval		Declaration of Conformity		
	Equipment marking / acc. to DIN EN 61346-2 General Product Approval	:or			
	GOST VDE		EG-Konf.		
	Further information				
GOST VDE EG-Konf.	Information- and Downloadcenter (Catalogs, Brochures,)				
GOST VDE EG-Konf.	http://www.siemens.com/lowvoltage/catalogs	,			

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3KD52440RE400/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KD52440RE400

CAx-Online-Generator http://www.siemens.com/cax



last modified:

11.03.2015