











SETRON, Switch disconnecter 3LD, emergency switching-off switch, 3- pole, Iu: 32 A, operating power / at AC-23 A 400 V: 11.5 kW, molded-plastic encapsulation for metric cable gland, rotary operating mechanism, red/yellow

Model	
product brand name	SETRON
product designation	Switch disconnecter
design of the product	EMERGENCY-STOP switch
display version for switch position indicator manual operation	1 ON - 0 OFF
type of switch	Molded-plastic enclosure for metric threaded joint
design of the actuating element	Short rotary knob
color of the actuating element	red
design of handle	rotary operating mechanism, red/yellow
type of the driving mechanism motor drive	No
General technical data	
number of poles	3
number of poles note	N + PE
size of switch disconnecter	2
mechanical service life (operating cycles) typical	100 000
electrical endurance (operating cycles)	
• at AC-23 A at 690 V	6 000
operating frequency maximum	50 1/h
degree of pollution	3
Voltage	
insulation voltage rated value	690 V
surge voltage resistance rated value	6 kV
operating voltage	
• at AC rated value	690 V
operating frequency rated value	
• minimum	50 Hz
• maximum	60 Hz
Protection class	
protection class IP	IP65
degree of protection NEMA rating	1, 4X, 12
protection class IP on the front	IP65
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	1.8 W
Main circuit	
operational current	
• at AC-21 at 690 V rated value	32 A
• at AC-21 A at 240 V rated value	32 A
• at AC-21 A at 400 V rated value	32 A
• at AC-21 A at 440 V rated value	32 A

<ul style="list-style-type: none"> <li>• at AC-23 A at 400 V rated value</li> </ul>	22 A
operating power	
<ul style="list-style-type: none"> <li>• at AC-23 A at 240 V rated value</li> </ul>	6 kW
<ul style="list-style-type: none"> <li>• at AC-23 A at 400 V rated value</li> </ul>	12 kW
<ul style="list-style-type: none"> <li>• at AC-23 A at 440 V rated value</li> </ul>	11.5 kW
<ul style="list-style-type: none"> <li>• at AC-23 A at 690 V rated value</li> </ul>	12 kW
<ul style="list-style-type: none"> <li>• at AC-3 at 240 V rated value</li> </ul>	5.5 kW
<ul style="list-style-type: none"> <li>• at AC-3 at 400 V rated value</li> </ul>	10 kW
<ul style="list-style-type: none"> <li>• at AC-3 at 690 V rated value</li> </ul>	9.5 kW
<b>Auxiliary circuit</b>	
number of CO contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
operating voltage of auxiliary contacts at AC maximum	500 V
continuous current of the auxiliary contact rated value	10 A
insulation voltage of the auxiliary switch rated value	500 V
<b>Suitability</b>	
suitability for use	
<ul style="list-style-type: none"> <li>• main switch</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• switch disconnector</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• EMERGENCY OFF switch</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• safety switch</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• maintenance/repair switch</li> </ul>	Yes
<b>Product details</b>	
product feature can be locked into OFF position	Yes
<b>Accessories</b>	
product extension optional	
<ul style="list-style-type: none"> <li>• motor drive</li> </ul>	No
<ul style="list-style-type: none"> <li>• voltage trigger</li> </ul>	No
number of connectable NC contacts for auxiliary contacts attachable maximum	3
number of connectable NO contacts for auxiliary contacts attachable maximum	5
number of connectable CO contacts for auxiliary contacts attachable maximum	0
number of bracket locks maximum	3
hasp thickness of the bracket locks	4 ... 8 mm
<b>Short circuit</b>	
conditional short-circuit current with line-side fuse protection	
<ul style="list-style-type: none"> <li>• at 690 V by gG fuse rated value</li> </ul>	50 kA
let-through current with closed switch	
<ul style="list-style-type: none"> <li>• at 240 V for combination switch + gG fuse maximum</li> </ul>	4.5 kA
<ul style="list-style-type: none"> <li>• at 440 V for combination switch + gG fuse maximum</li> </ul>	4.5 kA
<ul style="list-style-type: none"> <li>• at 690 V for combination switch + gG fuse maximum permissible</li> </ul>	5 kA
I <sup>2</sup> t value with closed switch	
<ul style="list-style-type: none"> <li>• at 240 V for combination switch + gG fuse maximum</li> </ul>	9 kA <sup>2</sup> .s
<ul style="list-style-type: none"> <li>• at 440 V for combination switch + gG fuse maximum</li> </ul>	9 kA <sup>2</sup> .s
<ul style="list-style-type: none"> <li>• at 690 V for combination switch + gG fuse maximum</li> </ul>	9 kA <sup>2</sup> .s
design of the fuse link	
<ul style="list-style-type: none"> <li>• for short-circuit protection of the main circuit required</li> </ul>	fuse gL/gG: 40 A
<ul style="list-style-type: none"> <li>• for short-circuit protection of the auxiliary switch required</li> </ul>	fuse gL/gG: 10 A
operational current of upstream fuse rated value	40 A
<b>according UL</b>	
operational current at AC according to UL 508/UL 60947-4-1 rated value	32 A
operating voltage at AC at 50/60 Hz according to UL 508/UL 60947-4-1 rated value	600 V
active power [hp] at AC at 480 V according to UL 508/UL 60947-4-1 rated value	20
active power [hp] at AC at 600 V according to UL 508/UL 60947-4-1 rated value	20
short-time withstand current (SCCR) at 600 V according to UL	5 kA

508/UL 60947-4-1			
continuous current of upstream fuse according to UL rated value	80 A		
type of fuse according to UL	RK5		
Connections			
AWG number as coded connectable conductor cross section solid maximum			
<ul style="list-style-type: none"><li>•</li><li>•</li></ul>	8 14		
type of connectable conductor cross-sections for copper conductor			
<ul style="list-style-type: none"><li>• solid</li><li>• finely stranded with core end processing</li><li>• stranded</li></ul>	1x (1,5...16mm²) 1x (1,5...10mm²) 1x (1,5...16mm²)		
type of connectable conductor cross-sections for auxiliary contacts			
<ul style="list-style-type: none"><li>• solid</li><li>• finely stranded with core end processing</li><li>• stranded</li></ul>	lateral auxiliary switch 2x (0,75 ... 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 ... 2,5mm²) lateral auxiliary switch 2x (0,75 ... 1,5mm²), 1x 2,5mm²; front auxiliary switch 1x 2,5mm² lateral auxiliary switch 2x (0,75 ... 2,5mm²), 1x 4mm²; front auxiliary switch 1x (0,75 ... 2,5mm²)		
type of electrical connection			
<ul style="list-style-type: none"><li>• for main current circuit</li><li>• for auxiliary contacts</li></ul>	box terminal connection terminals		
Mechanical Design			
height	152 mm		
width	100 mm		
depth	117 mm		
type of device	fixed mounting		
fastening method	Complete unit in enclosure		
fastening method			
<ul style="list-style-type: none"><li>• 4-hole front mounting</li><li>• front mounting with central attachment</li><li>• rail mounting</li></ul>	No Yes No		
net weight	458 g		
Environmental conditions			
ambient temperature during operation			
<ul style="list-style-type: none"><li>• minimum</li><li>• maximum</li></ul>	-25 °C 55 °C		
ambient temperature during storage			
<ul style="list-style-type: none"><li>• minimum</li><li>• maximum</li></ul>	-25 °C 55 °C		
Approvals Certificates			
General Product Approval			
<div><div> CSA</div><div> EG-Konf.</div><div> UK CA</div><div><a href="#">Confirmation</a></div><div> CCC</div><div> UL</div></div>			
General Product Approval	Test Certificates	Marine / Shipping	other
<div> VDE</div> <div><a href="#">Miscellaneous</a></div> <div> EAC</div> <div><a href="#">Miscellaneous</a></div> <div> LRS</div> <div><a href="#">Confirmation</a></div>			
other	Environment		
<a href="#">Miscellaneous</a>	<a href="#">Environmental Con- firmations</a>	<a href="#">Environmental Con- firmations</a>	

## Further information

### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2264-0TB53>

### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3LD2264-0TB53>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3LD2264-0TB53](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3LD2264-0TB53)

### CAX-Online-Generator

<http://www.siemens.com/cax>

### Tender specifications

<http://www.siemens.com/specifications>

