# **SIEMENS**

## Data sheet

## 3LD2565-0TB53



SENTRON, Switch disconnector 3LD, emergency switching-off switch, 3- pole, lu: 63 A, operating power / at AC-23 A 400 V: 22 kW, Molded plastic encapsulation for metric cable gland, rotary operating mechanism, red/yellow

Model	
Product brand name	SENTRON
Product designation	3LD Switch disconnector
Design of the product	EMERGENCY-STOP switch
Display version / for switch position indicator manual operation	1 ON - 0 OFF
Design of the operating mechanism	Short rotary knob
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
Type of device	fixed mounting
Type of switch	Molded-plastic enclosure for metric threaded joint
Size of switch disconnector	3
Electrical endurance (switching cycles)	
• at AC-23 A / at 690 V	6 000
I2t value / with closed switch / at 690 V / for combination switch + gG fuse / maximum	21 kA2.s

1 kA2.s 00 000 0 1/h 1K5 90 V kV 3 A 90 V 00 V 00 V 00 V 00 V 00 V
0 1/h K5 90 V kV 3 A 90 V 00 V 00 V 00 V 00 V
PK5 90 V kV 3 A 90 V 00 V 00 V 00 V
90 V kV 3 A 90 V 00 V 0 0 0 0 0 0 0 0 0 0 0 0 0
kV 3 A 90 V 00 V 00 V 0 0 0
kV 3 A 90 V 00 V 00 V 0 0 0
3 A 90 V 00 V 0 0 0 265
90 V 00 V 0 0 0 2 <sup>265</sup>
00 V 0 0 2 65
00 V 0 0 2 65
0 0 2 <sup>2</sup> 65
0 265
0 265
P65
, 4X, 12
· · ·
265
.5 W
.5 W
2 A
3 A
3 A
3 A
3 A
3 A
3 A
3 A
3 A
3 A
3 A
3 A
75 A

Let indegridation       for combination switch + gG fuse / maximum       6 kA         • at 460 V / for combination switch + gG fuse / maximum permissible       6 kA         Short-line withstand current (Icw)       1 260 A         • at 690 V / Imited to 1 s / rated value       1 260 A         • at 690 V / Imited to 1 s / rated value       1 260 A         • at 600 V / Imited to 1 s / rated value       1 260 A         • at 600 V / Imited to 1 s / rated value       1 260 A         • at 600 V / Imited to 1 s / rated value       6 kA         Operating frequency       initial value         • at AC-23 A / at 240 V / rated value       60 Hz         Operating power       • at AC-23 A / at 400 V / rated value         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       18 S kW         • at AC-23 A / at 400 V / rated value       18 S kW         • at AC-3 / at 400 V / rated value       18 S kW         • at AC-3 / at 400 V / rated value       15 kW         • at AC-3 / at 400 V / rated value       15 kW         • at AC-3 / at 400 V / rated value       15 kW         • at AC-3 / at 600 V / rated value       10 A         value       0         Operating current / rated value       10 A         value       500 V </th <th>Let-through current / with closed switch</th> <th></th>	Let-through current / with closed switch	
maximum extreme and the second	-	6 kA
maximum pernissible         Short-time withstand current (low)         • it dego V / limited to 1 s / rated value         1 260 A         • at 690 V / limited to 1 s / rated value         1 260 A         • at 690 V / limited to 1 s / rated value         0 perating frequency         • initial value         60 Hz         Operating power         • at AC-23 A / at 20 V / rated value         • at AC-23 A / at 20 V / rated value         • at AC-23 A / at 400 V / rated value         • at AC-23 A / at 400 V / rated value         • at AC-23 A / at 400 V / rated value         • at AC-23 A / at 400 V / rated value         • at AC-23 A / at 400 V / rated value         • at AC-33 / at 400 V / rated value         • at AC-3 / at 200 V / rated value         • at AC-3 / at 400 V / rated value         • at AC-3 / at 400 V / rated value         • at AC-3 / at 200 V / rated value         • at AC-3 / at 200 V / rated value         • at AC-3 / at 200 V / rated value         • at AC-3 / at 200 V / rated value         • at AC-3 / at 200 V / rated value         • at AC-3 / at 200 V / rated value         • at AC-3 / at 200 V / rated value         • bask         Operating current / rated value         • baswite of NC		
maximum permissibleIShort-time withstand current (Icw)1 260 A• at 690 V / limited to 1 s / rated value1 260 A• at 690 V / limited to 1 s / rated value1 260 AOperating frequency60 Hz• initial value60 HzOperating power11 kW• at AC-23 A / at 200 V / rated value22 kW• at AC-23 A / at 400 V / rated value22 kW• at AC-23 A / at 400 V / rated value22 kW• at AC-23 A / at 400 V / rated value22 kW• at AC-23 A / at 400 V / rated value22 kW• at AC-23 A / at 400 V / rated value15 kW• at AC-37 at 240 V / rated value15 kW• at AC-37 at 240 V / rated value15 kW• at AC-37 at 240 V / rated value15 kW• at AC-37 at 260 V / rated value15 kW• at AC-37 at 260 V / rated value16 kWOperating current / rated value0• at AC-37 at 260 V / rated value10 A• at AC-37 at 260 V / rated value10 A• at AC-37 at 260 V / rated value10 A• at AC-37 at 260 V rated value500 V• at AC-37 at 260 V rated value10 A• at AC-37 at 260 V rated value500 V• at AC-37 at 260 V rated value10 A• at AC-37 at 260 V rated value500 V• at AC-37 at 260 V rated value10 A• at AC-37 at 260 V rated value500 V• at AC-37 at 260 V rated value10 A• at AC-37 at 260 V rated value10 A• at AC-37 at 260 V rated value500 V• at	• at 690 V / for combination switch + gG fuse /	6 kA
<ul> <li>ilmited to 1 s / rated value</li> <li>at 690 V / limited to 1 s / rated value</li> <li>260 A</li> <li>Main circuit</li> <li>Operating frequency         <ul> <li>initial value</li> <li>50 Hz</li> <li>Full-scale value</li> <li>60 Hz</li> </ul> </li> <li>Operating power         <ul> <li>at AC-23 A / at 240 V / rated value</li> <li>11 kW</li> <li>at AC-23 A / at 240 V / rated value</li> <li>22 kW</li> <li>at AC-23 A / at 400 V / rated value</li> <li>22 kW</li> <li>at AC-23 A / at 400 V / rated value</li> <li>22 kW</li> <li>at AC-23 A / at 400 V / rated value</li> <li>22 kW</li> <li>at AC-23 A / at 400 V / rated value</li> <li>22 kW</li> <li>at AC-23 A / at 400 V / rated value</li> <li>24 kW</li> <li>at AC-3 / at 400 V / rated value</li> <li>18 5 kW</li> <li>at AC-3 / at 400 V / rated value</li> <li>18 5 kW</li> <li>at AC-3 / at 690 V / rated value</li> <li>18 5 kW</li> <li>ot AC-3 / at 690 V / rated value</li> <li>18 kW</li> <li>ot AC-3 / at 690 V / rated value</li> <li>18 kW</li> <li>Operating current / rated value</li> <li>18 kW</li> <li>ot AC-3 / at 690 V / rated value</li> <li>10 A</li> </ul> </li> <li>Vumber of NC contacts / for auxiliary contacts</li> <li>0</li> <li>Number of NC contacts / for auxiliary contacts</li> <li>0</li> <li>Number of NC contacts / for auxiliary contacts</li> <li>0</li> <li>0 A</li> <li>value</li> <li>10 A</li> <li>value</li> </ul> <li>Suitability for use</li> <ul> <li>Main switch</li> <li>xes</li></ul>		
at 680 V / limited to 1 s / rated value       1260 A         Main circuit       Operating frequency         • initial value       50 Hz         • Full-scale value       60 Hz         Operating power       • at AC-23 A / at 240 V / rated value       11 kW         • at AC-23 A / at 400 V / rated value       11 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       18.5 kW         • at AC-3 / at 240 V / rated value       18.5 kW         • at AC-3 / at 400 V / rated value       15 kW         • at AC-3 / at 400 V / rated value       15 kW         • at AC-3 / at 690 V / rated value       15 kW         • at AC-3 / at 690 V / rated value       16 kW         Operating current / rated value       10 A         value       500 V         Number of NC contacts / for auxiliary contacts       0         Number of NC contacts / for auxiliary contacts       0         Querating voltage / of auxiliary contact / rated       10 A         value       500 V         Insulation voltage / of the auxiliary switch / rated       500 V         value       500 V	Short-time withstand current (Icw)	
Main circuit         Operating frequency       50 Hz         • Full-scale value       60 Hz         Operating power       11 kW         • at AC-23 A / at 240 V / rated value       11 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       15 kW         • at AC-3 / at 690 V / rated value       15 kW         • at AC-3 / at 690 V / rated value       63 A         Auxiliary circuit       0         Number of NC contacts / for auxiliary contacts       0         Number of NC contacts / for auxiliary contacts       0         Querating voltage / of auxiliary contacts / at AC / maximum       500 V         Continuous current / of the auxiliary contact / rated value       10 A         value       500 V         Suitability for use       60 V         • Main switch       Yes         • switch disconnector       Y	<ul> <li>limited to 1 s / rated value</li> </ul>	1 260 A
Operating frequency     50 Hz       • Full-scale value     60 Hz       Operating power     60 Hz       • at AC-23 A / at 240 V / rated value     11 kW       • at AC-23 A / at 400 V / rated value     22 kW       • at AC-23 A / at 400 V / rated value     22 kW       • at AC-23 A / at 400 V / rated value     22 kW       • at AC-23 A / at 400 V / rated value     22 kW       • at AC-23 A / at 400 V / rated value     22 kW       • at AC-23 A / at 400 V / rated value     18.5 kW       • at AC-3 / at 240 V / rated value     18.5 kW       • at AC-3 / at 690 V / rated value     18.5 kW       • at AC-3 / at 690 V / rated value     18.5 kW       • at AC-3 / at 690 V / rated value     15 kW       Operating current / rated value     15 kW       Operating current / rated value     63 A       Auxiliary circuit     0       Number of NC contacts / for auxiliary contacts     0       Number of NC contacts / for auxiliary contacts     0       Operating woltage / of auxiliary contact / rated     10 A       value     500 V       Insulation voltage / of the auxiliary switch / rated     500 V       walue     500 V       Insulation voltage / of the auxiliary switch / rated     500 V       • alue     500 V       • alue     500 V	• at 690 V / limited to 1 s / rated value	1 260 A
• initial value50 Hz• Full-scale value60 HzOperating power11 kW• at AC-23 A / at 240 V / rated value11 kW• at AC-23 A / at 400 V / rated value22 kW• at AC-23 A / at 400 V / rated value22 kW• at AC-23 A / at 400 V / rated value22 kW• at AC-23 A / at 400 V / rated value22 kW• at AC-23 A / at 400 V / rated value18.5 kW• at AC-3 / at 240 V / rated value18.5 kW• at AC-3 / at 240 V / rated value18.5 kW• at AC-3 / at 690 V / rated value15 kW• at AC-3 / at 690 V / rated value16 kWOperating current / rated value63 AAuxiliary circuit0Number of CO contacts / for auxiliary contacts0Number of NC contacts / for auxiliary contacts0Operating voltage / of auxiliary contacts / at AC / maxiliary contacts / at AC / maxiliary contacts / at AC / value500 VInsulation voltage / of the auxiliary switch / rated value500 VSuitability for use500 V• Main switchYes• Main switch disconnectorYes• EMERGENCY OFF switchYes• EMERGENCY OFF switchYes• Safety switchYes	Main circuit	
• Full-scale value     60 Hz       Operating power     11 kW       • at AC-23 A / at 240 V / rated value     11 kW       • at AC-23 A / at 400 V / rated value     22 kW       • at AC-23 A / at 400 V / rated value     22 kW       • at AC-23 A / at 690 V / rated value     22 kW       • at AC-3 / at 400 V / rated value     18.5 kW       • at AC-3 / at 400 V / rated value     18.5 kW       • at AC-3 / at 400 V / rated value     18.5 kW       • at AC-3 / at 900 V / rated value     15 kW       • at AC-3 / at 900 V / rated value     15 kW       • at AC-3 / at 900 V / rated value     15 kW       • at AC-3 / at 900 V / rated value     15 kW       Operating current / rated value     0       Number of CO contacts / for auxiliary contacts     0       Number of NC contacts / for auxiliary contacts     0       Operating voltage / of 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       value     500 V       Value     500 V       Value     500 V       value     10 A       Insulation voltage / of the auxiliary switch / rated value     500 V       • Ma	Operating frequency	
Operating power       11 kW         • at AC-23 A / at 240 V / rated value       11 kW         • at AC-23 A / at 440 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       15 kW         Operating current / rated value       63 A         Auxiliary contacts       0         Number of NC contacts / for auxiliary contacts       0         Operating voltage / of auxiliary contacts       0         Operating voltage / of the auxiliary contact / rated       0         Value       10 A         value       10 A         Insulation voltage / of the auxiliary switch / rated       500 V         value       500 V         Su	• initial value	50 Hz
• at AC-23 A / at 240 V / rated value       11 kW         • at AC-23 A / at 400 V / at 50/60 Hz / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-23 A / at 440 V / rated value       22 kW         • at AC-23 A / at 400 V / rated value       22 kW         • at AC-3 / at 440 V / rated value       18.5 kW         • at AC-3 / at 240 V / rated value       18.5 kW         • at AC-3 / at 400 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       18.5 kW         • at AC-3 / at 690 V / rated value       63 A         Auxiliary circuit       0         Number of CO contacts / for auxiliary contacts       0         Number of NO contacts / for auxiliary contacts       0         Operating voltage / of auxiliary contact / rated       500 V         maximum       500 V         Continuous current / of the auxiliary switch / rated       500 V         value       500 V         Suitability for use       • Main switch         • Main switch <t< td=""><td>• Full-scale value</td><td>60 Hz</td></t<>	• Full-scale value	60 Hz
<ul> <li>at AC-23 A / at 400 V / at 50/60 Hz / rated value</li> <li>at AC-23 A / at 400 V / rated value</li> <li>at AC-23 A / at 400 V / rated value</li> <li>at AC-23 A / at 400 V / rated value</li> <li>at AC-23 A / at 690 V / rated value</li> <li>at AC-3 / at 240 V / rated value</li> <li>at AC-3 / at 240 V / rated value</li> <li>at AC-3 / at 240 V / rated value</li> <li>bt AC-3 / at 240 V / rated value</li> <li>cat AC-3 / at 240 V / rated value</li> <li>bt AC-3 / at 400 V / rated value</li> <li>cat AC-3 / at 690 V / rated value</li> <li>bt AC-3 / at 690 V / rated value</li> <li>bt AC-3 / at 690 V / rated value</li> <li>cat AC-3 / at 690 V / rated value</li> <li>bt AW</li> <li>Operating current / rated value</li> <li>contacts / for auxiliary contacts</li> <li>0</li> <li>Number of NC contacts / for auxiliary contacts</li> <li>0</li> <li>Number of NC contacts / for auxiliary contacts</li> <li>0</li> <li>Operating voltage / of auxiliary contact / rated value</li> <li>continuous current / of the auxiliary contact / rated value</li> <li>fusulation voltage / of the auxiliary contact / rated value</li> <li>value</li> <li>Insulation voltage / of the auxiliary switch / rated value</li> <li>Suitability</li> <li>Suitability for use</li> <li>Main switch</li> <li>Yes</li> <li>switch disconnector</li> <li>Yes</li> <li>EMERGENCY OFF switch</li> <li>yes</li> </ul>	Operating power	
• at AC-23 A / at 400 V / rated value         22 kW           • at AC-23 A / at 400 V / rated value         22 kW           • at AC-23 A / at 690 V / rated value         18.5 kW           • at AC-3 / at 200 V / rated value         11 kW           • at AC-3 / at 200 V / rated value         15.5 kW           • at AC-3 / at 690 V / rated value         15.5 kW           • at AC-3 / at 690 V / rated value         15.5 kW           • at AC-3 / at 690 V / rated value         16.5 kW           Operating current / rated value         63 A           Auxiliary circuit         0           Number of CO contacts / for auxiliary contacts         0           Number of NC contacts / for auxiliary contacts         0           Operating voltage / of auxiliary contacts / at AC / maxiliary contacts         0           Outinuous current / of the auxiliary contact / rated value         10 A           Value         500 V           Insulation voltage / of the auxiliary switch / rated value         500 V           Value         500 V           Suitability for use         Yes           • Main switch         Yes           • switch disconnector         Yes           • EMERGENCY OFF switch         Yes           • safety switch         Yes <td>• at AC-23 A / at 240 V / rated value</td> <td>11 kW</td>	• at AC-23 A / at 240 V / rated value	11 kW
<ul> <li>e at AC-23 A / at 440 V / rated value</li> <li>e at AC-23 A / at 460 V / rated value</li> <li>18.5 kW</li> <li>e at AC-3 / at 240 V / rated value</li> <li>11 kW</li> <li>e at AC-3 / at 690 V / rated value</li> <li>18.5 kW</li> <li>e at AC-3 / at 690 V / rated value</li> <li>18.5 kW</li> <li>e at AC-3 / at 690 V / rated value</li> <li>15 kW</li> <li>Operating current / rated value</li> <li>63 A</li> </ul> Auxiliary circuit Number of CO contacts / for auxiliary contacts <ul> <li>0</li> <li>Number of NC contacts / for auxiliary contacts</li> <li>0</li> <li>Number of NC contacts / for auxiliary contacts</li> <li>0</li> <li>Operating voltage / of auxiliary contacts</li> <li>0</li> <li>Operating voltage / of auxiliary contacts / at AC / maximum</li> <li>Continuous current / of the auxiliary contact / rated</li> <li>value</li> <li>Insulation voltage / of the auxiliary switch / rated</li> <li>solutability</li> </ul> Suitability for use <ul> <li>Main switch</li> <li>switch disconnector</li> <li>Yes</li> <li>e MERGENCY OFF switch</li> <li>yes</li> </ul>	• at AC-23 A / at 400 V / at 50/60 Hz / rated value	22 kW
e at AC-23 A / at 690 V / rated value       18.5 kW         e at AC-3 / at 240 V / rated value       11 kW         e at AC-3 / at 690 V / rated value       18.5 kW         e at AC-3 / at 690 V / rated value       18.5 kW         e at AC-3 / at 690 V / rated value       15 kW         Operating current / rated value       63 A         Auxiliary circuit       63 A         Number of CO contacts / for auxiliary contacts       0         Number of NC contacts / for auxiliary contacts       0         Operating voltage / of auxiliary contacts       0         Operating voltage / of auxiliary contacts / at AC / maximum       500 V         Continuous current / of the auxiliary contact / rated value       10 A         value       500 V         Insulation voltage / of the auxiliary switch / rated value       500 V         Suitability       500 V         suitability for use       Yes         • Main switch       Yes         • switch disconnector       Yes         • EMERGENCY OFF switch       Yes         • safety switch       Yes	• at AC-23 A / at 400 V / rated value	22 kW
• at AC-3 / at 240 V / rated value         11 kW           • at AC-3 / at 240 V / rated value         18.5 kW           • at AC-3 / at 690 V / rated value         15 kW           Operating current / rated value         63 A           Auxiliary circuit         0           Number of CO contacts / for auxiliary contacts         0           Number of NC contacts / for auxiliary contacts         0           Operating voltage / of auxiliary contacts / tat AC / maximum         500 V           Continuous current / of the auxiliary contact / rated         10 A           value         500 V           Insulation voltage / of the auxiliary switch / rated value         500 V           Suitability         500 V           value         500 V           Insulation voltage / of the auxiliary switch / rated value         500 V           Suitability for use         Yes           • Main switch         Yes           • switch disconnector         Yes           • EMERGENCY OFF switch         Yes           • safety switch         Yes	• at AC-23 A / at 440 V / rated value	22 kW
• at AC-3 / at 400 V / rated value         18.5 kW           • at AC-3 / at 690 V / rated value         15 kW           Operating current / rated value         63 A           Auxiliary circuit         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           Suitability         Suitability for use           • Main switch         Yes           • switch disconnector         Yes           • EMERGENCY OFF switch         Yes           • safety switch         Yes	• at AC-23 A / at 690 V / rated value	18.5 kW
	• at AC-3 / at 240 V / rated value	11 kW
Operating current / rated value     63 A       Auxiliary circuit     63 A       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       Suitability     Suitability for use       • Main switch     Yes       • Switch disconnector     Yes       • EMERGENCY OFF switch     Yes       • safety switch     Yes	• at AC-3 / at 400 V / rated value	18.5 kW
Auxiliary circuit         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 /       500 V         maximum	• at AC-3 / at 690 V / rated value	15 kW
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         Suitability       500 V         Suitability for use       400 V         • Main switch       Yes         • EMERGENCY OFF switch       Yes         • safety switch       Yes	Operating current / rated value	63 A
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         Suitability       500 V         Suitability       500 V         Suitability for use       500 V         • Main switch       Yes         • Switch disconnector       Yes         • EMERGENCY OFF switch       Yes         • safety switch       Yes	Auxiliary circuit	
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         Suitability       500 V         Suitability       500 V         Ensulation voltage / of the auxiliary switch / rated value       500 V         Value       500 V	Number of CO 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         Suitability       500 V         Suitability       500 V         Suitability for use       Yes         • Main switch       Yes         • EMERGENCY OFF switch       Yes         • safety switch       Yes	Number of NC contacts / for auxiliary contacts	0
maximumContinuous current / of the auxiliary contact / rated value10 AInsulation voltage / of the auxiliary switch / rated value500 VSuitability500 VSuitability for use • Main switchYes• Main switch • switch disconnectorYes• EMERGENCY OFF switch • safety switchYes• safety switchYes	Number of NO contacts / for auxiliary contacts	0
valueSuitabilitySuitability500 VSuitability500 VSuitability for useV• Main switchYes• switch disconnectorYes• EMERGENCY OFF switchYes• safety switchYes		500 V
valueSuitabilitySuitability for use• Main switch• Switch disconnector• Switch disconnector• EMERGENCY OFF switch• safety switchYes	-	10 A
Suitability for use     Yes       • Main switch     Yes       • switch disconnector     Yes       • EMERGENCY OFF switch     Yes       • safety switch     Yes		500 V
• Main switchYes• switch disconnectorYes• EMERGENCY OFF switchYes• safety switchYes	Suitability	
• switch disconnector     Yes       • EMERGENCY OFF switch     Yes       • safety switch     Yes	Suitability for use	
EMERGENCY OFF switch Yes     safety switch Yes	Main switch	Yes
• safety switch Yes	<ul> <li>switch disconnector</li> </ul>	Yes
	<ul> <li>EMERGENCY OFF switch</li> </ul>	Yes
maintenance/repair switch     Yes	<ul> <li>safety switch</li> </ul>	Yes
	• maintenance/repair switch	Yes
Appearance	Appearance	
Color / of the actuating element red	Color / of the actuating element	red

Product details	
Product function / can be locked into OFF	Yes
position	
Number of bracket locks / maximum	3
Hasp thickness / of the bracket locks / minimum	4 mm
Hasp thickness / of the bracket locks / maximum	8 mm
Short circuit	
Short-time withstand current (SCCR) / at 600 V / acc.	5 kA
to UL 508	
Conditional short-circuit current / with line-side fuse protection	
• at 690 V / by gG fuse / rated value	50 kA
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
Connections	
AWG number / as coded connectable conductor	
cross section / solid	
• maximum	6
• minimum	14
Type of electrical connection	
<ul> <li>for main current circuit</li> </ul>	box terminal
<ul> <li>for auxiliary contacts</li> </ul>	connection terminals
Requirements	
Design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit / required</li> </ul>	fuse gL/gG: 63 A
<ul> <li>for short-circuit protection of the auxiliary switch</li> <li>/ required</li> </ul>	fuse gL/gG: 10 A
Mechanical Design	
Height	199 mm
Width	146 mm
Depth	149 mm
Mounting type	Complete unit in enclosure
Mounting type	
<ul> <li>front mounting with 4-hole attachment</li> </ul>	No
<ul> <li>front mounting with central attachment</li> </ul>	Yes
• rail mounting	No
Net weight	902 g

Environmental cond	litions				
Ambient temperature	e / during operation				
• minimum		-25 °C			
• maximum		55 °C			
Ambient temperature / during storage / minimum		-25 °C			
Certificates					
Reference code					
<ul> <li>acc. to DIN EN</li> </ul>	61346-2		S		
• acc. to DIN EN	81346-2		SF		
General Product Approval				Declaration of	
					Conformity
ccc	<b>S</b> CSA	UL	UDE VDE	<u>Miscellaneous</u>	Conformity C C EG-Konf.
ccc Test Certific- ates	CSA Shipping Approval	UL UL	VDE	Miscellaneous	CE

LRS

#### Further information

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=3LD2565-0TB53

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2565-0TB53

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2565-0TB53

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

#### **Tender specifications**

http://www.siemens.com/specifications













