# **SIEMENS**

Product data sheet 3LD2504-1TL51



MASTER SWITCH 4-POLE IU=63, P/AC-23A W. 400V=22KW FRONT MOUNTING FOUR-HOLE MOUNTING ROT. MECHANISM BLACK

Similar to image

General technical details:		
product brand name		SENTRON
Design of the operating mechanism		rotary actuator, black
Type from device		fixed mounting
Protection class IP		IP65
Number of poles		4
Mounting type		front mounting
• front mounting		Yes
• rail mounting		No
• series installation		Yes
Insulation voltage / rated value	V	690
Continuous current / rated value	Α	63
Product equipment / interlock		Yes
Design of the electrical connection		
• for auxiliary contact		connection terminals
for main current circuit		connection terminals
Type of the driving mechanism / motor drive		No
Number of NC contacts / for auxiliary contacts		0
Impulse voltage resistance / rated value	V	6,000

Number of hangeover contacts / for auxiliary contacts  Operating current / at AC-21 / rated value  Operating voltage  of the auxiliary contacts / for AC / maximum  at 50/60 Hz / for AC / rated value  v 690  Service power / at AC-3  at 400 V / rated value  at 690 V / rated value  bar 10,260  rated value  can 690 V / rated value  bar 10,260  Service power / at AC-3  at 400 V / rated value  bar 10,260  rated value  can 690 V / rated value  bar 10,260  Period value  can 690 V / rated value  bar 10,260  Period value  contacts / typical  Mechanical operating cycles as operating time / of the main contacts / typical  Conductor cross section that can be connected  - for main contacts  - single- or multi-stranded  - stranded wire / with conductor end processing / maximum  - for auxiliary contacts  - finely stranded  - with conductor end processing  - single- or multi-stranded  - with conductor end processing  - single- or multi-stranded  - stranded  - for main contacts / solid  - for main contacts / solid  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - fine	Number of NO contacts / for auxiliary contacts		0
Operating current / at AC-21 / rated value Operating voltage  - of the auxiliary contacts / for AC / maximum			
Operating voltage  of the auxiliary contacts / for AC / maximum  at 5000 Hz / for AC / trated value  Service power / at AC-3  **at 690 V / rated value  **at 690 V / rated value  **at 690 V / rated value  **Depth		۸	
- of the auxiliary contacts / for AC / maximum		- A	63
* at 50/60 Hz / for AC / rated value  Service power / at AC-3  * at 400 V / rated value  * at 690 V / rated value  * at 690 V / rated value  * bont-time current resistance (lcw) / at 690 V / limited to 1 s / rated value  Depth    Popth		.,	
Service power / at AC-3  • at 400 V / rated value  • at 690 V / rated value  • at 690 V / rated value  • at 690 V / rated value  Short-time current resistance (icw) / at 690 V / limited to 1 s / rated value  Depth  mm 110.5  Height mm 106  Width mm 90  Mechanical operating cycles as operating time / of the main contacts / typical  Active power loss / per conductor / typical  W 4.5  Design of the fuse link / for short-circuit protection of the auxiliary switch / required  Conductor cross section that can be connected  • for main contacts  • single- or multi-stranded  • stranded wire / with conductor end processing / maximum  • for auxiliary contacts  • finely stranded  • with conductor end processing  • single- or multi-stranded  • stranded  • vith conductor end processing  • single- or multi-stranded  • stranded  • strande			
at 400 V / rated value  at 690 V / rated value  Short-time current resistance (icw) / at 690 V / limited to 1 s / rated value  Depth  Popth  Imm 106  Width  Imm 90  Mechanical operating cycles as operating time / of the main contacts / typical  Active power loss / per conductor / typical  Design of the fuse link / for short-circuit protection of the auxiliary switch / required  Conductor cross section that can be connected  • for main contacts  • single- or multi-stranded  • stranded wire / with conductor end processing / maximum  • for auxiliary contacts  • finely stranded  • with conductor end processing / maximum  • for auxiliary contacts  • finely stranded  • stranded  • stranded  • stranded  • stranded  • stranded  • vith conductor end processing / maximum  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conduc		_ V	690
* at 690 V / rated value  Short-time current resistance (lcw) / at 690 V / limited to 1 s / rated value  Depth mm 10.5  Method mm 90  Mechanical operating cycles as operating time / of the main contacts / typical  Active power loss / per conductor / typical  Design of the fuse link / for short-circuit protection of the auxiliary switch / required  Conductor cross section that can be connected  * for main contacts  * single- or multi-stranded  * stranded  * stranded wire / with conductor end processing / maximum  * for auxiliary contacts  * finely stranded  * with conductor end processing  * with conductor end processing  * stranded  * stranded  * stranded  * to cauxiliary contacts  * finely stranded  * stranded  * to cauxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / solid  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing  * for auxiliary contacts / finely stranded / with conductor end processing	Service power / at AC-3		
Short-time current resistance (lcw) / at 690 V / limited to 1 s / rated value  Depth  Methy 110,5  Methy 106  Width  mm 90  Mechanical operating cycles as operating time / of the main contacts / typical  Active power loss / per conductor / typical  Wy 4,5  Design of the fuse link / for short-circuit protection of the auxiliary switch / required  Conductor cross section that can be connected  • for main contacts  • single- or multi-stranded  • with conductor end processing / maximum  • for auxiliary contacts  • inely stranded  • with conductor cross-section  • for auxiliary contacts / finely stranded  • or main contacts / finely stranded  • for main contacts / finely stranded  • for main contacts / finely stranded / with conductor end processing  • for auxiliary contacts / solid  • for main contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  Ambient temperature / during operating  **C 25 55  Protection against electrical shock  Operating cycles / maximum  • Acceptability for application  • main switch  **Ves	• at 400 V / rated value	kW	18.5
Table 1	• at 690 V / rated value	kW	15
Height mm 106  Width mm 90  Mechanical operating cycles as operating time / of the main contacts / typical  Active power loss / per conductor / typical  Design of the fuse link / for short-circuit protection of the auxiliary witch / required  - for main contacts  - single- or multi-stranded  - stranded wire / with conductor end processing / maximum  - for auxiliary contacts  - single- or multi-stranded  - with conductor end processing  - single- or multi-stranded  - with conductor end processing  - single- or multi-stranded  - with conductor end processing  - single- or multi-stranded  - stranded  - with conductor end processing  - stranded  - with conductor end processing  - stranded  - stranded  - stranded  - to main contacts / finely stranded  - stranded  - for auxiliary contacts / solid  - for auxiliary contacts / solid  - for main contacts / finely stranded / with conductor end processing  - for auxiliary contacts / solid  - for main contacts / finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - finely stranded / with conductor end processing  - for auxiliary contacts  - fine		Α	1,260
Midth mm 90  Mechanical operating cycles as operating time / of the main contacts / typical  Active power loss / per conductor / typical  W 4.5  Design of the fuse link / for short-circuit protection of the auxiliary switch / required  Conductor cross section that can be connected  • for main contacts  • single- or multi-stranded  • stranded wire / with conductor end processing / maximum  • for auxiliary contacts  • finely stranded  • with conductor end processing  • single- or multi-stranded  • with conductor end processing  • single- or multi-stranded  • stranded  • for auxiliary contacts  • finely stranded  • for auxiliary contacts  • finely stranded  • for auxiliary contacts / solid  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts / finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  •	Depth	mm	110.5
Mechanical operating cycles as operating time / of the main contacts / typical  Active power loss / per conductor / typical  Design of the fuse link / for short-circuit protection of the auxiliary switch / required  Conductor cross section that can be connected  • for main contacts  • single- or multi-stranded  • stranded  • stranded wire / with conductor end processing / maximum  • for auxiliary contacts  • single- or multi-stranded  • with conductor end processing  • single- or multi-stranded  • with conductor end processing  • single- or multi-stranded  • with conductor end processing  • single- or multi-stranded  • stranded  Type of the connectable conductor cross-section  • for auxiliary contacts / solid  • for main contacts / finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  • for auxiliary contacts / solid  • for main contacts / finely stranded / with conductor end processing  • for auxiliary contacts / solid  • for finely stranded / with conductor	Height	mm	106
Active power loss / per conductor / typical  Design of the fuse link / for short-circuit protection of the auxiliary switch / required  Conductor cross section that can be connected  • for main contacts  • single- or multi-stranded  • stranded  • stranded wire / with conductor end processing / maximum  • for auxiliary contacts  • single- or multi-stranded  • with conductor end processing / maximum  • with conductor end processing  • single- or multi-stranded  • with conductor end processing  • single- or multi-stranded  • stranded  • tranded  • stranded  • strande	Width	mm	90
Design of the fuse link / for short-circuit protection of the auxiliary switch / required  Conductor cross section that can be connected  • for main contacts  • single- or multi-stranded  • stranded wire / with conductor end processing / maximum  • for auxiliary contacts  • finely stranded  • with conductor end processing  • single- or multi-stranded  • with conductor end processing  • single- or multi-stranded  • stranded  • tranded  • stranded  Type of the connectable conductor cross-section  • for auxiliary contacts / solid  • for main contacts / finely stranded / with conductor end processing  • for auxiliary contacts / solid  • for auxiliary contacts  • finely stranded / with conductor end processing  Ambient temperature / during operating  Protection against electrical shock  Operating cycles / maximum  Acceptability for application  • main switch  fuse gL/gG: 10 A  mm²  2.5 35  mm²  0.75 2.5  mm²  0.75 4  fuse  16  50  16  6  7  6  7  7  7  7  7  7  7  7  7  7			100,000
auxiliary switch / required  Conductor cross section that can be connected  • for main contacts  • single- or multi-stranded • stranded • stranded wire / with conductor end processing / maximum  • for auxiliary contacts • finely stranded • with conductor end processing • single- or multi-stranded • stranded • stranded  • stranded  • tranded  • stranded  • stranded  • stranded  • mm² 0.75 2.5  • single- or multi-stranded • stranded  • stranded  Type of the connectable conductor cross-section • for auxiliary contacts / solid • for main contacts / finely stranded / with conductor end processing • for auxiliary contacts / finely stranded / with conductor end processing • for auxiliary contacts • finely stranded / with conductor end processing  Ambient temperature / during operating  * C 25 55  Protection against electrical shock  Operating cycles / maximum  Acceptability for application • main switch  Yes	Active power loss / per conductor / typical	W	4.5
• for main contacts     • single- or multi-stranded     • stranded     • stranded wire / with conductor end processing / maximum     • for auxiliary contacts     • finely stranded     • with conductor end processing     • single- or multi-stranded     • stranded     • stranded     • to rauxiliary contacts     • finely stranded     • with conductor end processing     • single- or multi-stranded     • stranded     • stranded  Type of the connectable conductor cross-section     • for auxiliary contacts / solid     • for main contacts / finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     • for auxiliary contacts     • for auxiliary contacts     • for auxiliary contacts     • for auxiliary contacts     • for			fuse gL/gG: 10 A
* single- or multi-stranded     * stranded     * stranded wire / with conductor end processing / maximum     * for auxiliary contacts     * finely stranded     * with conductor end processing     * single- or multi-stranded     * stranded     * stranded     * stranded     * stranded     * stranded  Type of the connectable conductor cross-section     * for auxiliary contacts / solid     * for main contacts / finely stranded / with conductor end processing     * for auxiliary contacts     * finely stranded / with conductor end processing     * for auxiliary contacts     * finely stranded / with conductor end processing     * avx (0.75 1.5 mm2), 1x 2.5 mm2  Ambient temperature / during operating     * C  Protection against electrical shock  Operating cycles / maximum  1/h  50  Acceptability for application     * main switch  Yes	Conductor cross section that can be connected		
* stranded     * stranded wire / with conductor end processing / maximum     * for auxiliary contacts     * finely stranded     * with conductor end processing     * single- or multi-stranded     * stranded     * stranded     * stranded  Type of the connectable conductor cross-section     * for auxiliary contacts / solid     * for main contacts / finely stranded / with conductor end processing     * for auxiliary contacts     * finely stranded / with conductor end processing     * for auxiliary contacts     * finely stranded / with conductor end processing     * for auxiliary contacts     * finely stranded / with conductor end processing     * for auxiliary contacts     * finely stranded / with conductor end processing     * C 25 55  Protection against electrical shock     * finger-safe  Operating cycles / maximum     * 1/h 50  Yes	• for main contacts		
* stranded wire / with conductor end processing / maximum     * for auxiliary contacts     * finely stranded     * with conductor end processing     * single- or multi-stranded     * stranded     * stranded  Type of the connectable conductor cross-section     * for auxiliary contacts / solid     * for main contacts / finely stranded / with conductor end processing     * for auxiliary contacts     * finely stranded / with conductor end processing  Ambient temperature / during operating  **C**  C**  **C**  **Defection against electrical shock  Operating cycles / maximum  Type of the connectable conductor cross-section  **Type of the connectable conductor cross-section  **Type of the connectable conductor cross-section  **C**  **C**  **Do  **C**  **Do  **C**  **Do  **C**  **Do  *	• single- or multi-stranded	mm²	2.5 35
• for auxiliary contacts     • finely stranded     • with conductor end processing     • single- or multi-stranded     • stranded  Type of the connectable conductor cross-section     • for auxiliary contacts / solid     • for main contacts / finely stranded / with conductor end processing     • finely stranded / with conductor end processing  * finely stranded / with conductor end processing  Ambient temperature / during operating  * C  * C  * C  * C  * C  * C  * C  *	• stranded	mm²	2.5 35
• finely stranded     • with conductor end processing     • single- or multi-stranded     • stranded  Type of the connectable conductor cross-section     • for auxiliary contacts / solid     • for main contacts / finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing  Ambient temperature / during operating  Protection against electrical shock  Operating cycles / maximum  Acceptability for application     • main switch  mm²  0.75 4  mm²  0.75 4   16  50  22 (0.75 1.5 mm²), 1x 2.5 mm²  finger-safe  Operating cycles / maximum  1/h  50  Yes	• stranded wire / with conductor end processing / maximum	mm²	16
with conductor end processing     single- or multi-stranded     stranded     mm² 0.75 4      stranded  Type of the connectable conductor cross-section     for auxiliary contacts / solid     for main contacts / finely stranded / with conductor end processing     for auxiliary contacts     finely stranded / with conductor end processing  Ambient temperature / during operating  Protection against electrical shock  Operating cycles / maximum  Acceptability for application     main switch  man² 0.75 4   mm² 0.75 4   50  50  16  22 (0.75 1.5 mm2), 1x 2.5 mm2  Finely stranded / with conductor end processing  2x (0.75 1.5 mm2), 1x 2.5 mm2  Type of the connectable conductor end processing  1/h 50  Yes	• for auxiliary contacts		
* single- or multi-stranded     * stranded     * stranded     * mm²	• finely stranded		
• stranded mm² 0.75 4  Type of the connectable conductor cross-section • for auxiliary contacts / solid • for main contacts / finely stranded / with conductor end processing • for auxiliary contacts • finely stranded / with conductor end processing  Ambient temperature / during operating  Protection against electrical shock  Operating cycles / maximum  Acceptability for application • main switch  o 0.75 4   50  finely stranded / with conductor end processing  2x (0.75 1.5 mm2), 1x 2.5 mm2  finger-safe  7C  25 55  Finger-safe  7/es	<ul> <li>with conductor end processing</li> </ul>	mm²	0.75 2.5
Type of the connectable conductor cross-section  • for auxiliary contacts / solid  • for main contacts / finely stranded / with conductor end processing  • for auxiliary contacts  • finely stranded / with conductor end processing  Ambient temperature / during operating  C 25 55  Protection against electrical shock  Operating cycles / maximum  1/h  50  Acceptability for application  • main switch  Finely stranded / with conductor end processing  2x (0.75 1.5 mm2), 1x 2.5 mm2  2x (0.75 1.5 mm2), 1x 2.5 mm2  1/h  50  Yes	• single- or multi-stranded	mm²	0.75 4
• for auxiliary contacts / solid     • for main contacts / finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing  Ambient temperature / during operating  C 25 55  Protection against electrical shock  Operating cycles / maximum  Acceptability for application     • main switch  • main switch  50  16  2x (0.75 1.5 mm2), 1x 2.5 mm2  2x (0.75 1.5 mm2), 1x 2.5 mm2  17h  50  4res	• stranded	mm²	0.75 4
• for main contacts / finely stranded / with conductor end processing     • for auxiliary contacts     • finely stranded / with conductor end processing     2x (0.75 1.5 mm2), 1x 2.5 mm2  Ambient temperature / during operating     °C 25 55  Protection against electrical shock     finger-safe  Operating cycles / maximum     1/h 50  Acceptability for application     • main switch     Yes	Type of the connectable conductor cross-section		
• for auxiliary contacts • finely stranded / with conductor end processing  Ambient temperature / during operating  C 25 55  Protection against electrical shock  Operating cycles / maximum  1/h  50  Acceptability for application • main switch  Yes	• for auxiliary contacts / solid		50
• finely stranded / with conductor end processing     2x (0.75 1.5 mm2), 1x 2.5 mm2  Ambient temperature / during operating     °C 25 55  Protection against electrical shock finger-safe  Operating cycles / maximum     1/h 50  Acceptability for application     • main switch  Yes	·		16
Ambient temperature / during operating  °C 25 55  Protection against electrical shock finger-safe  Operating cycles / maximum 1/h 50  Acceptability for application  • main switch Yes	• for auxiliary contacts		
Protection against electrical shock finger-safe  Operating cycles / maximum 1/h 50  Acceptability for application  • main switch Yes	• finely stranded / with conductor end processing		2x (0.75 1.5 mm2), 1x 2.5 mm2
Operating cycles / maximum  1/h  50  Acceptability for application  • main switch  Yes	Ambient temperature / during operating	°C	25 55
Acceptability for application  • main switch  Yes	Protection against electrical shock		finger-safe
• main switch Yes	Operating cycles / maximum	1/h	50
	Acceptability for application		
• switch disconnector Yes	main switch		Yes
			Yes

maintenance/repair switch		Yes
safety cut-out switch		Yes
emergency stop switch		No
Product extension / optional		
• motor drive		No
voltage trigger		No
Mounting type		
• front mounting with central attachment		No
• front mounting with 4-hole attachment		Yes
Operating frequency		
• initial value	Hz	50
• final value	Hz	60
Design of the fuse link / for short-circuit protection of the main circuit / necessary		fuse gL/gG: 63 A
Service power / at AC-23 A		
• at 400 V / rated value	kW	22
• at 690 V / rated value	kW	18.5
Insulation voltage / of the auxiliary switch / rated value	V	500
Continuous current / of the auxiliary contact / rated value	Α	10
Item designation		
according to DIN EN 61346-2		S

# Certificates/approvals:

## **General Product Approval**

Test Certificates Shippi

**Shipping Approval** 









Special Test Certificate



GL

#### other

Declaration of Conformity

Environmental Confirmations

# Further information:

Information- and Download center (Catalogs, Brochures,...)

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

Industry Mall (Online ordering system)

https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3LD2504-1TL51

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

http://support.automation.siemens.com/WW/view/en/3LD2504-1TL51/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2504-1TL51

**CAx-Online-Generator** 

http://www.siemens.com/cax

Tender specifications

Datanorm GAEB81 GAEB83 RTF TXT

last change: Aug 23, 2014