## SIEMENS

## Data sheet

## 3LD2330-0TK13



SENTRON, switch disconnector 3LD, emergency switching-off switch, 3pole, lu: 160 A, operating performance / at AC-23 A at 400 V: 75 kW, installation in distribution boards, knob-operated mechanism, red/yellow, handle direct at the switch

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
type of switch	DIN-rail mounting
design of the actuating element	selector switch
color / of the actuating element	red
design of handle	knob-operated mechanism, red/yellow
type of the driving mechanism / motor drive	No
General technical data	
number of poles	3
size of switch disconnector	5
mechanical service life (switching cycles) / typical	100 000
electrical endurance (switching 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	8 kV
operating voltage	
at AC / rated value	690 V
operating frequency / rated value	
• minimum	50 Hz
• maximum	60 Hz
Protection class	
protection class IP	IP40
protection class IP / on the front	IP40
Dissipation	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	36 W
Current	
operational current / rated value	160 A
operational current	
• at 40 °C / rated value	160 A
<ul> <li>at 45 °C / rated value</li> </ul>	160 A
• at 50 °C / rated value	160 A

		400.4
Main calculation           operational current           ••••••••••••••••••••••••••••••••••••	• at 55 °C / rated value	160 A
operating ourset         160 A           • at AC-21 A 1260 V / rated value         160 A           • at AC-21 A 1240 V / rated value         160 A           • at AC-21 A 1 at 240 V / rated value         160 A           • at AC-21 A 1 at 240 V / rated value         160 A           • at AC-23 A / at 240 V / rated value         132 A           operating power         •           • at AC-23 A / at 240 V / rated value         132 kW           • at AC-23 A / rated V / rated value         132 kW           • at AC-23 A / rated V / rated value         132 kW           • at AC-31 A rated V / rated value         132 kW           • at AC-31 at 260 V / rated value         132 kW           • at AC-31 at 260 V / rated value         35 kW           • at AC-31 at 260 V / rated value         35 kW           • at AC-31 at 260 V / rated value         37 kW           Auxiliary contacts         0           number of No contacts / for auxiliary contacts         0           operating value         7 dw Viraed value           contacts / for auxiliary contacts         0           operating value         7 dw Viraed value           contacts / for auxiliary contacts         0           operating value         7 dw Viraed value           sutabality for use		160 A
• at AC-21 / at 600 V / rated value     160 A       • at AC-21 A / at 440 V / rated value     160 A       • at AC-21 A / at 440 V / rated value     160 A       • at AC-23 A / at 440 V / rated value     160 A       • at AC-23 A / at 420 V / rated value     132 kW       • at AC-23 A / at 420 V / rated value     132 kW       • at AC-23 A / at 420 V / rated value     132 kW       • at AC-23 A / at 420 V / rated value     132 kW       • at AC-23 A / at 420 V / rated value     132 kW       • at AC-23 A / at 420 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     132 kW       • at AC-31 / at 600 V / rated value     10 A       • at AC-31 / at 600 V / rated value     10 A       • at AC-31 / at 600 V / rated value     10 A       • at AC-31 / at 600 V / rated value     10 A       • at AC-31 / at 600 V / rated value     10 A       • at AC + 10 /		
<ul> <li>et AC-21 A / et 200 V / rated value</li> <li>160 A</li> <li>et AC-21 A / et 400 V / rated value</li> <li>160 A</li> <li>et AC-23 A / et 400 V / rated value</li> <li>150 A</li> <li>et AC-23 A / et 400 V / rated value</li> <li>152 A</li> <li>operating power</li> <li>et AC-23 A / et 400 V / rated value</li> <li>152 kW</li> <li>et AC-23 A / et 400 V / rated value</li> <li>152 kW</li> <li>et AC-23 A / et 400 V / rated value</li> <li>152 kW</li> <li>et AC-23 A / et 400 V / rated value</li> <li>152 kW</li> <li>et AC-23 A / et 400 V / rated value</li> <li>152 kW</li> <li>et AC-23 A / et 400 V / rated value</li> <li>152 kW</li> <li>et AC-3 / et 400 V / rated value</li> <li>152 kW</li> <li>et AC-3 / et 400 V / rated value</li> <li>152 kW</li> <li>et AC-3 / et 400 V / rated value</li> <li>150 kW</li> <li>et AC-3 / et 400 V / rated value</li> <li>150 kW</li> <li>et AC-3 / et 400 V / rated value</li> <li>150 kW</li> <li>et AC-3 / et 400 V / rated value</li> <li>160 A</li> <li>et AC-3 / et 400 V / rated value</li> <li>170 kW</li> <li>Auxiliary contacts</li> <li>180 kW</li> <li>et AC-3 / et 400 kW</li> <li>et AC-3 / et 400 kW</li> <li>et AC-3 / et 400 kW</li> <li>et AC-40 kW</li> <li>et AC-</li></ul>	•	160.4
<ul> <li>et AC-21 A / et 400 V / rated value</li> <li>et AC-23 A / at 400 V / rated value</li> <li>et AC-23 A / at 400 V / rated value</li> <li>et AC-23 A / at 400 V / rated value</li> <li>et AC-23 A / at 400 V / rated value</li> <li>et AC-23 A / at 400 V / rated value</li> <li>et AC-23 A / at 400 V / rated value</li> <li>et AC-23 A / at 400 V / rated value</li> <li>et AC-23 A / at 400 V / rated value</li> <li>et AC-33 / at 400 V / rated value</li> <li>et AC-33 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / at 600 V / rated value</li> <li>et AC-31 / et AC-31 / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usaliary contact / et AC / rated value</li> <li>for usalia</li></ul>		
<ul> <li>et AC-21 Ar / st 4d0 V / rated value</li> <li>132 A</li> <li>operating power</li> <li>et AC-23 A / st 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-23 A / st 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-23 A / rat 4d0 V / rated value</li> <li>132 kW</li> <li>et AC-23 A / rat 4d0 V / rated value</li> <li>132 kW</li> <li>et AC-23 A / rat 4d0 V / rated value</li> <li>132 kW</li> <li>et AC-23 A / rat 4d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rat 2d0 V / rated value</li> <li>132 kW</li> <li>et AC-3 / rated value</li> <li>132 kW</li> <li>et AC-3 / rated value</li> <li>132 kW</li> <li>et AC-3 / rated value</li> <li>142 kW</li> <li>et AC-3 / rated value</li> <li>160 /</li> <li>runber of NC contects / rated value</li> <li>160 A</li> <li>runber of NC contects / rated value</li> <li>160 A</li> <li>runber of NC contects / rated value</li> <li>160 V</li> <li>et allog avitch / rated value</li> <li>et allog avitch /</li></ul>		
• et AC-23 A / at 400 V / rated value     132 A       operating power     132 kW       • at AC-23 A / at 400 V / rated value     132 kW       • at AC-23 A / at 400 V / rated value     132 kW       • at AC-23 A / at 400 V / rated value     132 kW       • at AC-23 A / at 400 V / rated value     132 kW       • at AC-3 A / at 400 V / rated value     15 kW       • at AC-3 / at 400 V / rated value     50 kW       • at AC-3 / at 400 V / rated value     50 kW       • at AC-3 / at 600 V / rated value     0       • at AC-3 / at 600 V / rated value     0       • at AC-3 / at 600 V / rated value     0       • at AC-3 / rat 600 V / rated value     0       • at AC-3 / rat 600 V / rated value     0       • at AC-3 / rat 600 V / rated value     0       • at AC-3 / rat 600 V / rated value     0       • at AC-3 / rated value     0       •		
operating power         ••••••••••••••••••••••••••••••••••••		
a i AC-23 A / at 400 V / rated value     132 kW       a i AC-23 A / at 400 V / rated value     132 kW       a i AC-23 A / at 400 V / rated value     132 kW       a i AC-33 A / at 400 V / rated value     45 kW       a i AC-33 A / at 400 V / rated value     50 kW       a i AC-3 A / at 400 V / rated value     50 kW       a i AC-3 / rated value     50 kW       a i AC-3 / rated value     50 kW       a i AC-3 / rated value     0       a i a i AC-3 / rated value     0       a i a i AC-3 / rated value     0       a i a i AC-3 / rated value     0       a i a i a i a i a i a i a i a i a i a i		102 A
• at AC-23 A / at 400 V / rated value     132 kW       • at AC-23 A / at 400 V / rated value     132 kW       • at AC-33 A / at 400 V / rated value     35 kW       • at AC-33 A / at 400 V / rated value     35 kW       • at AC-31 at 200 V / rated value     35 kW       • at AC-31 at 400 V / rated value     37 kW       • at AC-31 at 600 V / rated value     0       • at AC-31 at 600 V / rated value     0       • at AC-31 at 600 V / rated value     0       • at AC-31 at 600 V / rated value     0       • at AC-31 at 600 V / rated value     0       • at AC-31 at 600 V / rated value     0       • contracts / for auxiliary contracts     0       • onthice for contracts / for auxiliary contracts     0       • contracts / for auxiliary contracts     0       • onthice rate ontracts / for auxiliary contracts     0       • auxiliary contract / rated value     500 V       Suitability     500 V       suitability for use     •       • main switch     Yes       • switch discomedor     Yes       • switch discomedor     Yes       • switch discomedor     Yes       • atter each to locked into OFF position     *       product extension / optional     No       • motor of rave     No       • voltage ritiger     No		132 kW
• at AC-23 A / at 400 V / rated value             132 kW               • at AC-23 A / at 600 V / rated value             45 kW               • at AC-3 / at 400 V / rated value             56 kW               • at AC-3 / at 600 V / rated value             50 kW               • at AC-3 / at 600 V / rated value             50 kW               • at AC-3 / at 600 V / rated value             50 kW               • at AC-3 / at 600 V / rated value             0               number of CO contacts / for auxiliary contacts             0               number of NC contacts / for auxiliary contacts             0               operating voltage / of auxiliary contact / rated value             500 V               continuous current / of the auxiliary contact / rated value             500 V               suitability for use             •               • main switch             Yes               • switch disconnector             Yes               • safety switch             Yes               • maintenance/regains witch             Yes               • asfety switch             Yes               product extension / optional             No               • notor drive             No		
is tAC-23 A / at 680 V / rated value             is AC-3 / at 240 V / rated value             is AC-3 / at 260 V / rated value             is AC-3 / at 680 V / rated value             is OV             insultain voltage / of the auxiliary contact / rated value             is OV V              Suitability             insultain voltage / of the auxiliary contact / rated value             is OV V              Suitability for use             insultain voltage / of the auxiliary contact / rated value             is OV V              Suitability for use             insultain voltage / of the auxiliary contact / rated value             is OV              Forduct details             product feature / can be locked into OFF position             Yes              Forduct details             routher of connectable NC contacts / for auxiliary contacts             / attachabe / maximum             interbabe / maximum             interbabe / maximum             intener of Dreactet locks / na auxiliary contacts		
• at AC-3 / at 690 V / rated value          Xusiliary contacts          Auxiliary contacts          Inumber of CO contacts / for auxiliary contacts         0         number of NC contacts / for auxiliary contacts         0         number of NC contacts / for auxiliary contacts         0         continuous current / of the auxiliary contact / rated value         500 V         contacts / tor auxiliary contact / rated value         500 V         continuous current / of the auxiliary contact / rated value         500 V         Suitability for use         • main switch         Yes         • switch disconnector         Yes         • switch disconnector         Yes         • switch disconnector         Yes         • switch disconnector         Yes         • main switch         Yes         • switch disconnector         Yes         • contact s/ for auxiliary contacts         A         rouduct extension / optional         • notor of drive         No         number of connectable NC contacts / for auxiliary contacts         2         / ratachable / maximum         number of connectable NC contacts / for auxiliary contacts         4         / ratachable / maximum         number of connectable CO contacts / for auxiliary contacts         4         / ratachable / maximum         at 840 V / for combination switch + gG fuse /         maximum permissible         is at 800 V / for combination switch + gG fuse /         maximum         eal 640 V / for combination switch + gG fuse /         maximum         eal 640 V / for combination switch + gG fuse /         maximum         eal 640 V / for combination switch + gG fuse /         maximum         eal 640 V / for combinati	<ul> <li>at AC-3 / at 240 V / rated value</li> </ul>	35 kW
Auxiliary circuit       0         number of CO contacts / for auxiliary contacts       0         number of NC contacts / for auxiliary contacts       0         continuous current / of the auxiliary contacts       0         continuous current / of the auxiliary contacts       0         suitability       500 V         suitability       7         suitability       7         product datability       7         suitability       7         suitability       7         product feature / can be locked into OFF position       Yes         product databis       7       7	<ul> <li>at AC-3 / at 400 V / rated value</li> </ul>	50 kW
number of ICC contacts / for auxiliary contacts         0           number of NC contacts / for auxiliary contacts         0           operating voltage / of the auxiliary contacts         0           continuous current / of the auxiliary contacts         500 V           continuous current / of the auxiliary contacts         500 V           suitability         500 V           suitability         500 V           suitability for use         500 V           • main switch         Yes           • suitability for use         Yes           • main switch         Yes           • EMERGENCY OFF switch         Yes           • safety switch         Yes           product datalis         No           number of connectable NC contacts / for auxiliary contacts         2           / attachable / maximum         No           number of connectable NC contacts / for auxiliary contacts         4           / attachable / maximum         3           number of connectable NC contacts / for auxiliary contacts         0           / attachable / maximum         3	<ul> <li>at AC-3 / at 690 V / rated value</li> </ul>	37 kW
number of ICC contacts / for auxiliary contacts         0           number of NC contacts / for auxiliary contacts         0           operating voltage / of the auxiliary contacts         0           continuous current / of the auxiliary contacts         500 V           continuous current / of the auxiliary contacts         500 V           suitability         500 V           suitability         500 V           suitability for use         500 V           • main switch         Yes           • suitability for use         Yes           • main switch         Yes           • EMERGENCY OFF switch         Yes           • safety switch         Yes           product datalis         No           number of connectable NC contacts / for auxiliary contacts         2           / attachable / maximum         No           number of connectable NC contacts / for auxiliary contacts         4           / attachable / maximum         3           number of connectable NC contacts / for auxiliary contacts         0           / attachable / maximum         3	Auxiliary circuit	
number of NC contacts / for auxiliary contacts     0       number of NQ contacts / for auxiliary contacts     0       operating voltage / of auxiliary contact / rated value     500 V       insulation voltage / of the auxiliary contact / rated value     500 V       suitability or use     10 A       • main switch     Yes       • witch disconnector     Yes       • enaintennec/repair witch     Yes       product feature / can be locked into OFF position     Yes       • ender three maximum     No       • ender three     No		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     500 V       Suitability     500 V       suitability for use     10 A       • main switch     Yes       • EMERGENCY OFF switch     Yes       • anintenance/repair switch     Yes       Product details     Yes       product details     product details       product details     No       • voltage trigger     No       • unable of drive     No       • voltage trigger     No       • unable of connectable NC contacts / for auxiliary contacts     2       / attachable / maximum     3       number of connectable NC contacts / for auxiliary contacts     0       / attachable / maximum     3       number of bracket locks     4       / attachable / maximum     3       number of bracket locks     4       sheap thickness / of the bracket locks     50 kA       etable // condition switch + gG fuse /     15 kA       maximum     15 kA       maximum </td <td></td> <td>0</td>		0
continuous current / of the auxiliary switch / rated value     10 A       insulation voltage / of the auxiliary switch / rated value     500 V       Suitability     suitability       • main switch     Yes       • switch disconnector     Yes       • SMERGENCY OFF switch     Yes       • safety switch     Yes       • maintenance/repair switch     Yes       Product details     Product details       product details     Product details       product extension / optional     •       • number of connectable NC contacts / for auxiliary contacts     2       / attachable / maximum     No       number of connectable NC contacts / for auxiliary contacts     4       / attachable / maximum     3       number of connectable NC contacts / for auxiliary contacts     0       / attachable / maximum     3       number of connectable NC contacts / for auxiliary contacts     0       / attachable / maximum     3       number of connectable CCS contacts / for auxiliary contacts     10 kA       Short circuit     50 kA       elet-through current / with line-side fuse / maximum     3       • at 400 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum		0
insulation voltage / of the auxiliary switch / rated value     500 V       Suitability     suitability for use          • main switch       Yes          • switch disconnector       Yes          • switch disconnector       Yes          • safety switch       Yes          • maintenance/repair switch       Yes          Product details            product feature / can be locked into OFF position       Yes          accessories            product extension / optional        No <ul> <li>ondor drive</li> <li>ontactable / naximum</li> <li>number of connectable NO contacts / for auxiliary contacts</li> <li>fatachable / maximum</li> <li>at advable / maximum</li> <li>at drabule / maximum</li> <li>at drabule / maximum</li> <li>at drabule / maximum</li> <li>at drabule / robot bracket locks</li> <li>at drabule / for combination switch + gG fuse / maximum</li> <li>at drabule / for combination switch + gG fuse / maximum</li> <li>at drabule / for combination switch + gG fuse / maximum</li> <li>at drabule /</li></ul>	operating voltage / of auxiliary contacts / at AC / maximum	500 V
Suitability       suitability       suitability for use       • main switch       • switch disconnector       Yes       • EMERGENCY OFF switch       Yes       • safety switch       • maintenance/repair switch       Yes       • maintenance/repair switch       Yes       Product details       product details       product details       outor drive       • woltage trigger       number of connectable NC contacts / for auxiliary contacts       / attachable / maximum       number of connectable CO contacts / for auxiliary contacts       / attachable / maximum       number of connectable CO contacts / for auxiliary contacts       / attachable / maximum       number of connectable CO contacts / for auxiliary contacts       / attachable / maximum       number of bracket locks / maximum       at 4690 V / by G fuse / rated value       iet-through current / with line-side fuse / maximum       • at 490 V / for combination switch + gG fuse / maximum       • at 490 V / for combination switch + gG fuse / maximum       • at 440 V / for combination switch + gG fuse / maximum       • at 440 V / for combination switch + gG fuse / maximum       • at 440 V / for combination switch + gG fuse / maximum       • at 440 V / for combination switch + gG fuse / maximum	continuous current / of the auxiliary contact / rated value	10 A
suitability for use     Yes       • main switch     Yes       • switch disconnector     Yes       • EMERGENCY OFF switch     Yes       • safety switch     Yes       • maintenance/repair switch     Yes       Product details     product feature / can be locked into OFF position       product details     yes       product details     number of connectable NC contacts / for auxiliary contacts       • woltage trigger     No       number of connectable NC contacts / for auxiliary contacts     4       / attachable / maximum     2       number of connectable CO contacts / for auxiliary contacts     4       / attachable / maximum     3       number of connectable CO contacts / for auxiliary contacts     4       / attachable / maximum     3       number of connectable CO contacts / for auxiliary contacts     4       / attachable / maximum     3       number of connectable CO contacts / for auxiliary contacts     4       / attachable / maximum     3       number of bracket locks / maximum     3       neap thickness / of the bracket locks     4       eat 690 V / by gG fuse / rated value     50 kA       let-through current / with line-side fuse / maximum     15 kA       eat 440 V / for combination switch + gG fuse / maximum     15 kA       eat 440	insulation voltage / of the auxiliary switch / rated value	500 V
• main switch     Yes       • switch disconnector     Yes       • switch disconnector     Yes       • EMERGENCY OFF switch     Yes       • adety switch     Yes       • maintenance/repair switch     Yes       Product details     Yes       product feature / can be locked into OFF position     Yes       accessories     Image: Connectable NC contacts / for auxiliary contacts       / attachable / maximum     No       number of connectable NC contacts / for auxiliary contacts     2       / attachable / maximum     4       number of connectable NC contacts / for auxiliary contacts     4       / attachable / maximum     3       number of connectable NC contacts / for auxiliary contacts     0       / attachable / maximum     3       number of connectable CO contacts / for auxiliary contacts     0       / attachable / maximum     3       number of bracket locks / maximum     3       hasp thickness / of the bracket locks     4 6 mm       Short circuit     50 kA       elet-through current / with line-side fuse / maximum     50 kA       elet-through current / with line-side fuse / maximum     15 kA       elet-through current / with closed switch     15 kA       el 440 V / for combination switch + gG fuse / maximum     15 kA       el 440 V / fo	Suitability	
<ul> <li>switch disconnector</li> <li>EMERGENCY OFF switch</li> <li>safety switch</li> <li>realintenance/repair switch</li> <li>Yes</li> <li>realintenance/repair switch</li> <li>Yes</li> <li>Product details</li> <li>product details</li> <li>product stemsion / optional         <ul> <li>motor drive</li> <li>No</li> <li>onotor drive</li> <li>number of connectable NC contacts / for auxiliary contacts             / attachable / maximum</li> <li>number of connectable NC contacts / for auxiliary contacts             / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts             / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts             / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts             / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts             / attachable / maximum</li> <li>number of connectable COs contacts / for auxiliary contacts             / attachable / maximum</li> <li>number of the bracket locks</li> <li>4 6 mm</li> </ul> </li> <li>Short circuit         <ul> <li>conditional short-circuit current / with line-side fuse protection</li> <li>et 490 V / by gG fuse / rated value</li> <li>50 kA</li> <li>let-through current / with closed switch</li> <li>et 440 V / for combination switch + gG fuse /             maximum             et 440 V / for combination switch + gG fuse /             maximum             et 440 V / for combination switch + gG fuse /             maximum             et at 440 V / for combination switch + gG fuse /             maximum             et at 440 V / for combination switch + gG fuse /             maximum             et at 440 V / for combination switch + gG</li></ul></li></ul>	suitability for use	
• EMERGENCY OFF switch     Yes       • safety switch     Yes       • maintenance/repair switch     Yes       Product details     product feature / can be locked into OFF position     Yes       accessories     accessories       product extension / optional     No       • motor drive     No       • outlage trigger     No       number of connectable NC contacts / for auxiliary contacts     2       / attachable / maximum     4       number of connectable NC contacts / for auxiliary contacts     4       / attachable / maximum     3       number of connectable CO contacts / for auxiliary contacts     0       / attachable / maximum     3       number of bracket locks / maximum     3       number of bracket locks / maximum     3       hasp thickness / of the bracket locks     4 6 mm       Short circuit     conditional short-circuit current / with line-side fuse protection       • at 690 V / by gG fuse / rated value     50 kA       let-through current / with closed switch     15 kA       • at 690 V / for combination switch + gG fuse / maximum     15 kA       • at 690 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     185 kA2.s	main switch	Yes
<ul> <li>safety switch Yes</li> <li>maintenance/repair switch Yes</li> <li>Product details</li> <li>product feature / can be locked into OFF position Yes</li> <li>accessories</li> <li>product extension / optional         <ul> <li>motor drive</li> <li>No</li> <li>voltage trigger</li> <li>No</li> </ul> </li> <li>number of connectable NC contacts / for auxiliary contacts / attachable / maximum</li> <li>number of connectable NC contacts / for auxiliary contacts</li> <li>/ attachable / maximum</li> </ul> <li>number of connectable NC contacts / for auxiliary contacts / / attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts</li> <li>/ attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts</li> <li>/ attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts</li> <li>/ attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts</li> <li>/ attachable / maximum</li> <li>number of connectable CO contacts / for auxiliary contacts</li> <li>/ attachable / maximum</li> <li>nasp thickness / of the bracket locks</li> <li> 6 mm</li> <li>Short circuit</li> <li>conditional short-circuit current / with line-side fuse protection         <ul> <li>et 480 V / by gG fuse / rated value</li> <li>50 kA</li> <li>et 440 V / for combination switch + gG fuse / maximum</li> <li>et 440 V / for combination switch + gG fuse / maximum</li> <li>et 440 V / for combination switch + gG fuse / maximum</li> <li>et 440 V / for combination switch + gG fuse / maximum</li> <li>et 440 V / for combination switch + gG fuse / maximum</li> <li>et 440 V / for combination switch + gG fuse / maximum</li> <li>et 440 V / for combination switch + gG fuse</li></ul></li>	<ul> <li>switch disconnector</li> </ul>	Yes
maintenance/repair switch Yes  Product details  product feature / can be locked into OFF position Yes  accessories  product extension / optional      motor drive     voltage trigger     No     number of connectable NC contacts / for auxiliary contacts     / attachable / maximum     number of connectable CO contacts / for auxiliary contacts     / attachable / maximum     number of connectable CO contacts / for auxiliary contacts     / attachable / maximum     number of connectable CO contacts / for auxiliary contacts     / attachable / maximum     number of connectable CO contacts / for auxiliary contacts     / attachable / maximum     number of bracket locks / maximum     subtributed locks / maximum     conditional short-circuit current / with line-side fuse     protection     e at 690 V / by gG fuse / rated value     for kall     iet-through current / with closed switch     e at 240 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e at 440 V / for combination switch + gG fuse /     maximum     e	<ul> <li>EMERGENCY OFF switch</li> </ul>	Yes
Product details         product feature / can be locked into OFF position       Yes         accessories         product extension / optional       No         • motor drive       No         • voltage trigger       No         number of connectable NC contacts / for auxiliary contacts       2         / attachable / maximum       2         number of connectable CO contacts / for auxiliary contacts       4         / attachable / maximum       3         number of bracket locks / maximum       3         hasp thickness / of the bracket locks       4 6 mm         Short circuit       50 kA         let-through current / with line-side fuse protection       50 kA         e at 690 V / by gG fuse / rated value       50 kA         let-through current / with closed switch       15 kA         maximum       15 kA         maximum       15 kA         e at 440 V / for combination switch + gG fuse / maximum       15 kA         e at 420 V / for combination switch + gG fuse / maximum       15 kA         e at 420 V / for combination switch + gG fuse / maximum       15 kA         e at 420 V / for combination switch + gG fuse / maximum       15 kA         e at 420 V / for combination switch + gG fuse / maximum       15 kA         e	<ul> <li>safety switch</li> </ul>	Yes
product feature / can be locked into OFF position     Yes       accessories     product extension / optional     No       • motor drive     No     No       • number of connectable NC contacts / for auxiliary contacts     2       / attachable / maximum     2       number of connectable NC contacts / for auxiliary contacts     4       / attachable / maximum     0       number of connectable CO contacts / for auxiliary contacts     0       / attachable / maximum     3       number of connectable CO contacts / for auxiliary contacts     0       / attachable / maximum     3       number of bracket locks / maximum     3       hasp thickness / of the bracket locks     4 6 mm       Short circuit     50 kA       let-through current / with line-side fuse protection     50 kA       iet-through current / with closed switch     15 kA       • at 420 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     185 kA2.s       maximum     • at 240 V / for combination switch + gG fuse / maximum     185 kA2.s <td></td> <td></td>		
accessories         product extension / optional         • motor drive       No         • voltage trigger       No         number of connectable NC contacts / for auxiliary contacts       2         / attachable / maximum       4         number of connectable NO contacts / for auxiliary contacts       4         / attachable / maximum       0         number of connectable CO contacts / for auxiliary contacts       0         / attachable / maximum       3         number of bracket locks / maximum       3         hasp thickness / of the bracket locks       4 6 mm         Short circuit       50 kA         let-through current / with line-side fuse protection       50 kA         let-through current / with closed switch       4         • at 690 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum permissible       15 kA         I2t value / with closed switch       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       185 kA2.s         l2t value / with closed switch		Yes
product extension / optional     No       • motor drive     No       • voltage trigger     No       number of connectable NC contacts / for auxiliary contacts     2       / attachable / maximum     2       number of connectable NO contacts / for auxiliary contacts     4       / attachable / maximum     0       number of connectable CO contacts / for auxiliary contacts     0       / attachable / maximum     3       number of bracket locks / maximum     3       number of bracket locks / maximum     3       hasp thickness / of the bracket locks     4 6 mm       Short circuit     50 kA       Iet-through current / with line-side fuse protection     50 kA       iet-through current / with closed switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     15 kA       • at 690 V / for combination switch + gG fuse / maximum     15 kA       • at 440 V / for combination switch + gG fuse / maximum     15 kA       • at 240 V / for combination switch + gG fuse / maximum     15 kA       • at 240 V / for combination switch + gG fuse / maximum     15 kA       • at 240 V / for combination switch + gG fuse / maximum     185 kA2.s	Product details	
motor drive     voltage trigger     No     voltage trigger     No      number of connectable NC contacts / for auxiliary contacts     / attachable / maximum     number of connectable NO contacts / for auxiliary contacts     / attachable / maximum     number of connectable CO contacts / for auxiliary contacts     / attachable / maximum     number of connectable CO contacts / for auxiliary contacts     / attachable / maximum     number of connectable CO contacts / for auxiliary contacts     / attachable / maximum     number of connectable CO contacts / for auxiliary contacts     / attachable / maximum     number of bracket locks / maximum     number of bracket locks / maximum     at hasp thickness / of the bracket locks     sonot circuit     conditional short-circuit current / with line-side fuse     protection     • at 690 V / by gG fuse / rated value     50 kA     let-through current / with closed switch     • at 240 V / for combination switch + gG fuse /     maximum     • at 690 V / for combination switch + gG fuse /     maximum     • at 690 V / for combination switch + gG fuse /     maximum     • at 690 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 640 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination switch + gG fuse /     maximum     • at 440 V / for combination sw	Product details	
• voltage trigger         No           number of connectable NC contacts / for auxiliary contacts / attachable / maximum         2           number of connectable NO contacts / for auxiliary contacts / attachable / maximum         4           number of connectable CO contacts / for auxiliary contacts / attachable / maximum         0           number of connectable CO contacts / for auxiliary contacts / attachable / maximum         0           number of bracket locks / maximum         3           hasp thickness / of the bracket locks         4 6 mm           Short circuit         50 kA           eat 690 V / by gG fuse / rated value         50 kA           let-through current / with line-side fuse protection         50 kA           eat 690 V / by GG fuse / rated value         50 kA           let-through current / with closed switch         15 kA           • at 440 V / for combination switch + gG fuse / maximum         15 kA           • at 690 V / for combination switch + gG fuse / maximum         15 kA           • at 690 V / for combination switch + gG fuse / maximum         185 kA2.s           iat 440 V / for combination switch + gG fuse / maximum         185 kA2.s	Product details product feature / can be locked into OFF position	
number of connectable NC contacts / for auxiliary contacts       2         / attachable / maximum       4         number of connectable NO contacts / for auxiliary contacts       4         / attachable / maximum       0         number of connectable CO contacts / for auxiliary contacts       0         / attachable / maximum       3         number of bracket locks / maximum       3         hasp thickness / of the bracket locks       4 6 mm         Short circuit       50 kA         conditional short-circuit current / with line-side fuse protection       50 kA         e at 690 V / by gG fuse / rated value       50 kA         let-through current / with closed switch       15 kA         • at 440 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum       185 kA2.s         i at 240 V / for combination switch + gG fuse / maximum       185 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional	
/ attachable / maximum       4         number of connectable NO contacts / for auxiliary contacts / attachable / maximum       4         number of connectable CO contacts / for auxiliary contacts / attachable / maximum       0         number of bracket locks / maximum       3         hasp thickness / of the bracket locks       4 6 mm         Short circuit       50 kA         conditional short-circuit current / with line-side fuse protection       50 kA         let-through current / with closed switch       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       15 kA         • at 420 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       185 kA2.s         lzt value / with closed switch       185 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive	Yes
/ attachable / maximum       0         number of connectable CO contacts / for auxiliary contacts / attachable / maximum       0         number of bracket locks / maximum       3         hasp thickness / of the bracket locks       4 6 mm         Short circuit       50 kA         conditional short-circuit current / with line-side fuse protection       50 kA         etat 690 V / by gG fuse / rated value       50 kA         let-through current / with closed switch       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum permissible       15 kA         I2t value / with closed switch       185 kA2.s         • at 240 V / for combination switch + gG fuse / maximum       185 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional • motor drive • voltage trigger	Yes No No
/ attachable / maximum       3         number of bracket locks / maximum       3         hasp thickness / of the bracket locks       4 6 mm         Short circuit       conditional short-circuit current / with line-side fuse protection         • at 690 V / by gG fuse / rated value       50 kA         let-through current / with closed switch       50 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum permissible       15 kA         l2t value / with closed switch       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       15 kA         i at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         i at 240 V / for combination switch + gG fuse / maximum       185 kA2.s         i at 240 V / for combination switch + gG fuse / maximum       185 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2
hasp thickness / of the bracket locks       4 6 mm         Short circuit       conditional short-circuit current / with line-side fuse protection         • at 690 V / by gG fuse / rated value       50 kA         let-through current / with closed switch       50 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 240 V / for combination switch + gG fuse / maximum       185 kA2.s         • at 240 V / for combination switch + gG fuse / maximum       185 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 4
Short circuit         conditional short-circuit current / with line-side fuse protection         • at 690 V / by gG fuse / rated value       50 kA         let-through current / with closed switch       50 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum permissible       15 kA         l2t value / with closed switch       185 kA2.s         • at 440 V / for combination switch + gG fuse / maximum       185 kA2.s	Product details product feature / can be locked into OFF position accessories product extension / optional	Yes No No 2 4 0
conditional short-circuit current / with line-side fuse protection       50 kA         • at 690 V / by gG fuse / rated value       50 kA         let-through current / with closed switch       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum permissible       15 kA         I2t value / with closed switch       185 kA2.s         maximum       185 kA2.s	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum	Yes No No 2 4 0 3
protection50 kA• at 690 V / by gG fuse / rated value50 kAlet-through current / with closed switch50 kA• at 240 V / for combination switch + gG fuse / maximum15 kA• at 440 V / for combination switch + gG fuse / maximum15 kA• at 690 V / for combination switch + gG fuse / maximum permissible15 kAI2t value / with closed switch15 kA• at 240 V / for combination switch + gG fuse / maximum permissible185 kA2.s· at 440 V / for combination switch + gG fuse / maximum185 kA2.s	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         number of bracket locks / maximum	Yes No No 2 4 0 3
let-through current / with closed switch       15 kA         • at 240 V / for combination switch + gG fuse / maximum       15 kA         • at 440 V / for combination switch + gG fuse / maximum       15 kA         • at 690 V / for combination switch + gG fuse / maximum permissible       15 kA         I2t value / with closed switch       15 kA         • at 240 V / for combination switch + gG fuse / maximum       185 kA2.s         • at 440 V / for combination switch + gG fuse / maximum       185 kA2.s	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit	Yes No No 2 4 0 3
<ul> <li>at 240 V / for combination switch + gG fuse / 15 kA</li> <li>at 440 V / for combination switch + gG fuse / 15 kA</li> <li>at 690 V / for combination switch + gG fuse / 15 kA</li> <li>at 690 V / for combination switch + gG fuse / 15 kA</li> <li>i2t value / with closed switch</li> <li>at 240 V / for combination switch + gG fuse / 185 kA2.s</li> <li>i at 440 V / for combination switch + gG fuse / 185 kA2.s</li> </ul>	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse	Yes No No 2 4 0 3
<ul> <li>at 440 V / for combination switch + gG fuse / maximum</li> <li>at 690 V / for combination switch + gG fuse / 15 kA</li> <li>at 690 V / for combination switch + gG fuse / 15 kA</li> <li>12t value / with closed switch</li> <li>at 240 V / for combination switch + gG fuse / 185 kA2.s</li> <li>at 440 V / for combination switch + gG fuse / 185 kA2.s</li> </ul>	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse         protection         • at 690 V / by gG fuse / rated value	Yes No No 2 4 0 3 4 6 mm
maximum permissible     I2t value / with closed switch       • at 240 V / for combination switch + gG fuse / maximum     185 kA2.s       • at 440 V / for combination switch + gG fuse /     185 kA2.s	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 690 V / by gG fuse / rated value         let-through current / with closed switch         • at 240 V / for combination switch + gG fuse /	Yes No No 2 4 0 3 4 6 mm
I2t value / with closed switch       I2t value / with closed switch         • at 240 V / for combination switch + gG fuse / maximum       185 kA2.s         • at 440 V / for combination switch + gG fuse /       185 kA2.s	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 690 V / by gG fuse / rated value         let-through current / with closed switch         • at 240 V / for combination switch + gG fuse / maximum         • at 440 V / for combination switch + gG fuse /	Yes No No 2 4 0 3 4 6 mm 50 kA 15 kA
at 440 V / for combination switch + gG fuse / 185 kA2.s	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 690 V / by gG fuse / rated value         let-through current / with closed switch         • at 240 V / for combination switch + gG fuse / maximum         • at 440 V / for combination switch + gG fuse / maximum         • at 690 V / by for combination switch + gG fuse / maximum	Yes No No 2 4 0 3 4 6 mm 50 kA 15 kA 15 kA
	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 690 V / by gG fuse / rated value         let-through current / with closed switch         • at 240 V / for combination switch + gG fuse / maximum         • at 440 V / for combination switch + gG fuse / maximum         • at 690 V / for combination switch + gG fuse / maximum         • at 690 V / for combination switch + gG fuse / maximum	Yes No No 2 4 0 3 4 6 mm 50 kA 15 kA 15 kA
	Product details         product feature / can be locked into OFF position         accessories         product extension / optional         • motor drive         • voltage trigger         number of connectable NC contacts / for auxiliary contacts / attachable / maximum         number of connectable NO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of connectable CO contacts / for auxiliary contacts / attachable / maximum         number of bracket locks / maximum         number of bracket locks / maximum         hasp thickness / of the bracket locks         Short circuit         conditional short-circuit current / with line-side fuse protection         • at 690 V / by gG fuse / rated value         let-through current / with closed switch         • at 240 V / for combination switch + gG fuse / maximum         • at 690 V / for combination switch + gG fuse / maximum         • at 690 V / for combination switch + gG fuse / maximum         • at 690 V / for combination switch + gG fuse / maximum	Yes No No 2 4 0 3 4 6 mm 50 kA 15 kA 15 kA

<ul> <li>at 690 V / for combination switch + gG fuse / maximum</li> </ul>	185 kA2.s	
design of the fuse link		
<ul> <li>for short-circuit protection of the main circuit / required</li> </ul>	fuse gL/gG: 160 A	
<ul> <li>for short-circuit protection of the auxiliary switch / required</li> </ul>	fuse gL/gG: 10 A	
operational current / of upstream fuse / rated value	160 A	
according UL		
operational current / at AC / according to UL 508/UL 60947-4-1 / rated value	180 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	75	
active power [hp] / at AC / at 600 V / according to UL 508/UL 60947-4-1 / rated value	50	
short-time withstand current (SCCR) / at 600 V / according to UL 508/UL 60947-4-1	10 kA	
continuous current / of upstream fuse / according to UL / rated value	200 A	
type of fuse / according to UL	RK5	
Connections		
AWG number / as coded connectable conductor cross		
section / solid		
minimum	1	
type of connectable conductor cross-sections / for copper conductor	4 (4.0	
• solid	1x (16185mm <sup>2</sup> )	
<ul> <li>finely stranded / with core end processing</li> </ul>	1x (16150mm <sup>2</sup> )	
• stranded	1x (16185mm²)	
type of connectable conductor cross-sections / for auxiliary contacts		
• solid	2x (0.75 2.5 mm <sup>2</sup> ), 1x 4 mm <sup>2</sup>	
<ul> <li>finely stranded / with core end processing</li> </ul>	2x (0.75 1.5 mm <sup>2</sup> ), 1x 2.5 mm <sup>2</sup>	
stranded	2x (0.75 2.5 mm²), 1x 4 mm²	
type of electrical connection	h evidence in al	
for main current circuit	box terminal	
for auxiliary contacts	connection terminals	
Mechanical Design	100	
height	169 mm	
width	112 mm	
depth	94 mm	
type of device	fixed mounting	
fastening method	Built-in unit fixed-mounted version	
fastening method	No	
<ul> <li>4-hole front mounting</li> <li>front mounting with central attachment</li> </ul>	No No	
-	No	
rail mounting     net weight	2 048 g	
Environmental conditions	2 070 g	
ambient temperature / during operation <ul> <li>minimum</li> </ul>	-25 °C	
• maximum	-25 °C 55 °C	
ambient temperature / during storage		
minimum	-25 °C	
• maximum	55 °C	
		Declaration of
General Product Approval		Conformity

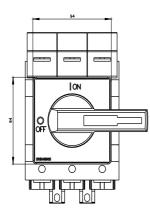
SP CM	<u>Confirmation</u>	CCC CCC		EHC	CE EG-Konf.
Declaration of Conformity	Test Certificates		other		
UK	<u>Special Test Certific-</u> <u>ate</u>	Type Test Certific- ates/Test Report	Environmental Con- firmations	<u>Miscellaneous</u>	

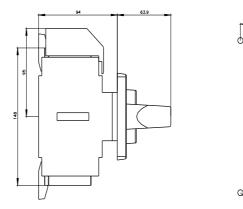
## Further information

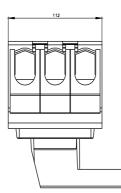
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Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3LD2330-0TK13 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3LD2330-0TK13 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3LD2330-0TK13 CAx-Online-Generator http://www.siemens.com/cax Tender specifications

http://www.siemens.com/specifications







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