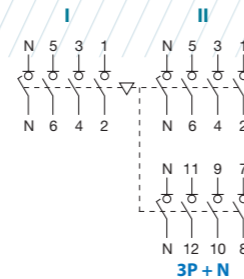
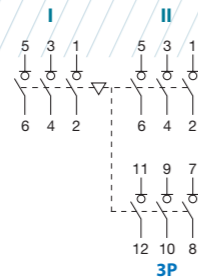
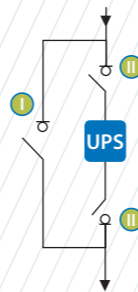
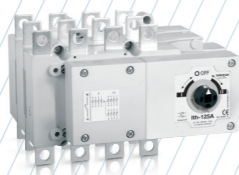


S5B Bypass changeover switch base mounting 3P - 3P+N

Size 0
A 125|160|200

| | | | |
|--------|----------------------------|----------------------------|----------------------------|
| 3P | CODE-125A | CODE-160A | CODE-200A |
| 3P + N | S5B01253PS0 S5B01253NS0 | S5B01603PS0 S5B01603NS0 | S5B02003PS0 S5B02003NS0 |



Accessories

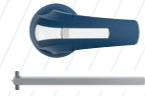


Direct handle
CODE D5LSI02

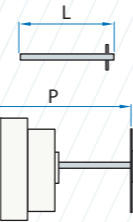


Terminal shrouds
(Only frontal side)

| | | |
|----------------|------------------|------------------------|
| UP 3P (1 unit) | DOWN 3P (1 unit) | UP OR DOWN 4P (1 unit) |
| DS-CU02 | DS-CU03 | DS-CU04 |
| DS-CU05 | DS-CU06 | DS-CU07 |



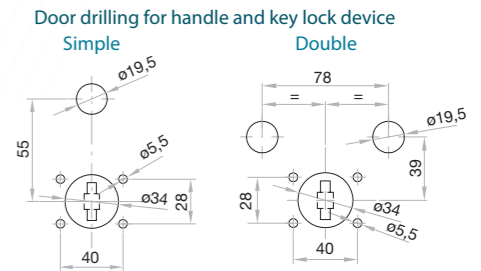
External handle included shaft*(e1)
IP65
CODE D5LLA01



Shafts
Standard shaft included *(e1)
L (mm) 177
P (mm) 221... 346



Safety key lock device
Simple CODE D5LCBB1
Double CODE D5LCFB1
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked



Auxiliary contacts
1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

Technical information

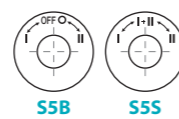


According to IEC 60947-3

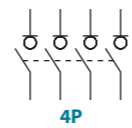
| | 125 | 160 | 200 |
|--|------------------------|------------------------|------------------------|
| Rated thermal current I _{th} in ambient at 40°C | A 125 | A 160 | A 200 |
| Rated insulation voltage U _i | V 1000 | V 1000 | V 1000 |
| Rated impulse withstand voltage U _{imp} | kV 8 | kV 8 | kV 8 |
| AC Rated operational current *(1) | Ie Ue 400V AC21A A 125 | Ie Ue 400V AC22A A 160 | Ie Ue 400V AC22A A 200 |
| (Rated operational frequency 50/60 Hz) | | | |

| | 125 | 160 | 200 |
|---|------------------|------------------|------------------|
| Rated breaking capacity 400V AC22 | A 375 | A 480 | A 600 |
| Rated making capacity 400V AC22 | A 375 | A 480 | A 600 |
| Short - circuit behaviour | | | |
| Short - circuit making capacity *(2) | Icm kA (peak) 13 | Icm kA (peak) 13 | Icm kA (peak) 13 |
| Short - time withstand current (1 sec.) | Icw kA rms 7 | Icw kA rms 7 | Icw kA rms 7 |
| Number of mechanical operations (according to the standards, for other values please consult) | Cycles 8000 | Cycles 8000 | Cycles 8000 |
| Maximum weight (3/4 poles) | Kg 2,4/2,8 | Kg 2,4/2,8 | Kg 2,5/2,9 |

*1) Other voltages and/or utilization categories; please consult
*2) Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)



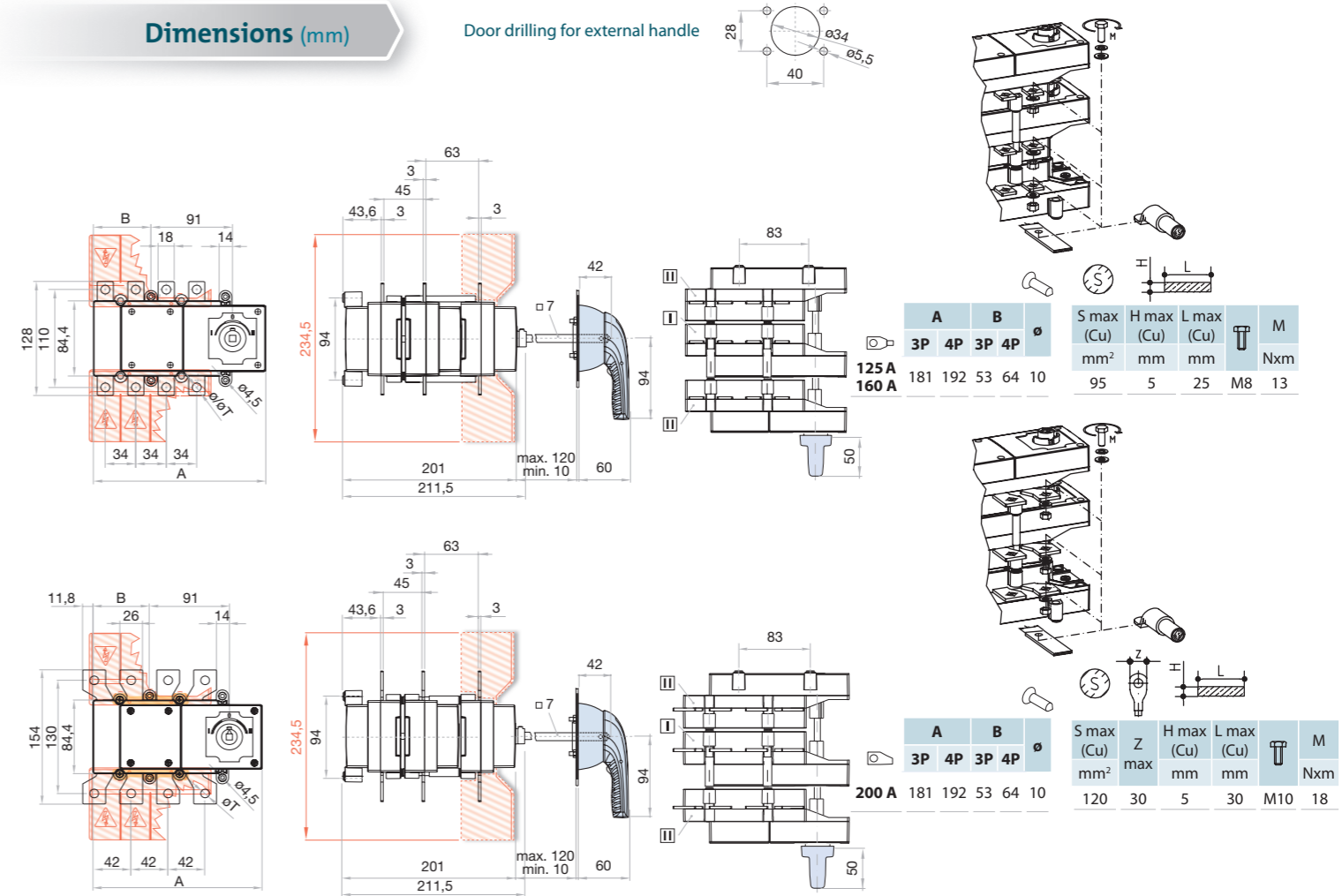
There are versions of bypass changeover without OFF 0 position "overlapped contacts":
S5B (I - I + II - II) = S5S....., please consult



Also available 4P changeover switches under request, please consult



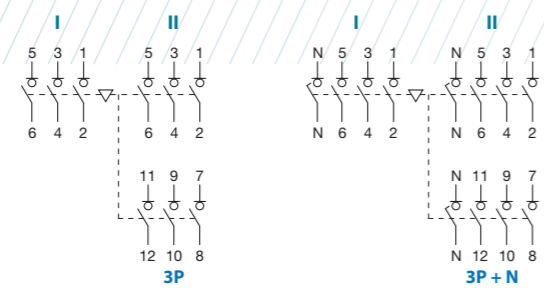
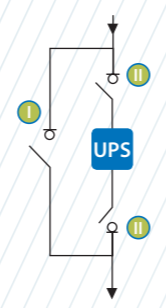
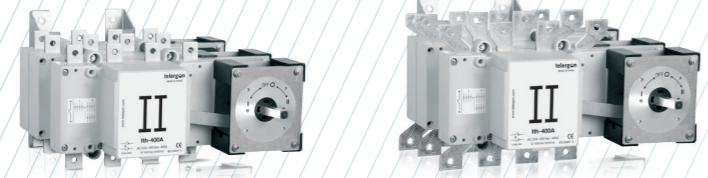
Dimensions (mm)



S5B Bypass changeover switch base mounting 3P - 3P+N

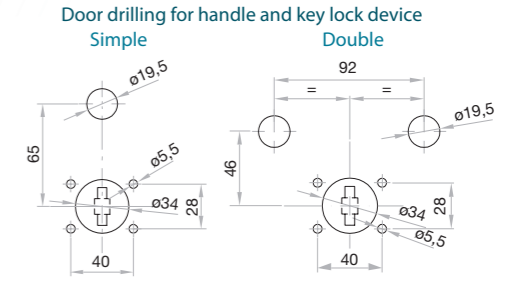
Size 1
A 250|315|400

| | | | |
|--------|-------------|-------------|-------------|
| | CODE-250A | CODE-315A | CODE-400A |
| 3P | S5B02503PR0 | S5B03153PR0 | S5B04003PC0 |
| 3P + N | S5B02503NR0 | S5B03153NR0 | S5B04003NC0 |



Accessories

- Direct handle**
 CODE D5LLI12
- External handle** included shaft^(e1)
 IP65
 CODE D5LLA11
- Shafts**
Standard shaft included^(e1)
 L (mm) 227 | P (mm) 382... 516
- Auxiliary contacts**
 1NO+1NC CODE DS-AU11
 2NO+2NC CODE DS-AU12
 Ie = 16 A (resistive loads)
 4 A (inductive loads) at 250 Vac.
- Terminal protection**
 CODE DS-CU12
 (1 unit for input or output only front side)
- Terminal shrouds**
 CODE DS-CU11
 (1 kit for input or output only front side)
- Safety key lock device**
 Simple CODE D5LCB11
 Double CODE D5LCF11
 For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked.



Technical information



According to IEC 60947-3

| | 250 | 315 | 400 |
|--|------------------------|------------------------|------------------------|
| Rated thermal current I _{th} in ambient at 40°C | A 250 | A 315 | A 400 |
| Rated insulation voltage U _i | V 1000 | V 1000 | V 1000 |
| Rated impulse withstand voltage U _{imp} | kV 8 | kV 8 | kV 8 |
| AC Rated operational current ^(*) (Rated operational frequency 50/60 Hz) | Ie Ue 400V AC21A A 250 | Ie Ue 400V AC22A A 315 | Ie Ue 400V AC22A A 400 |

^(*) Other voltages and/or utilization categories; please consult
^(**) Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)

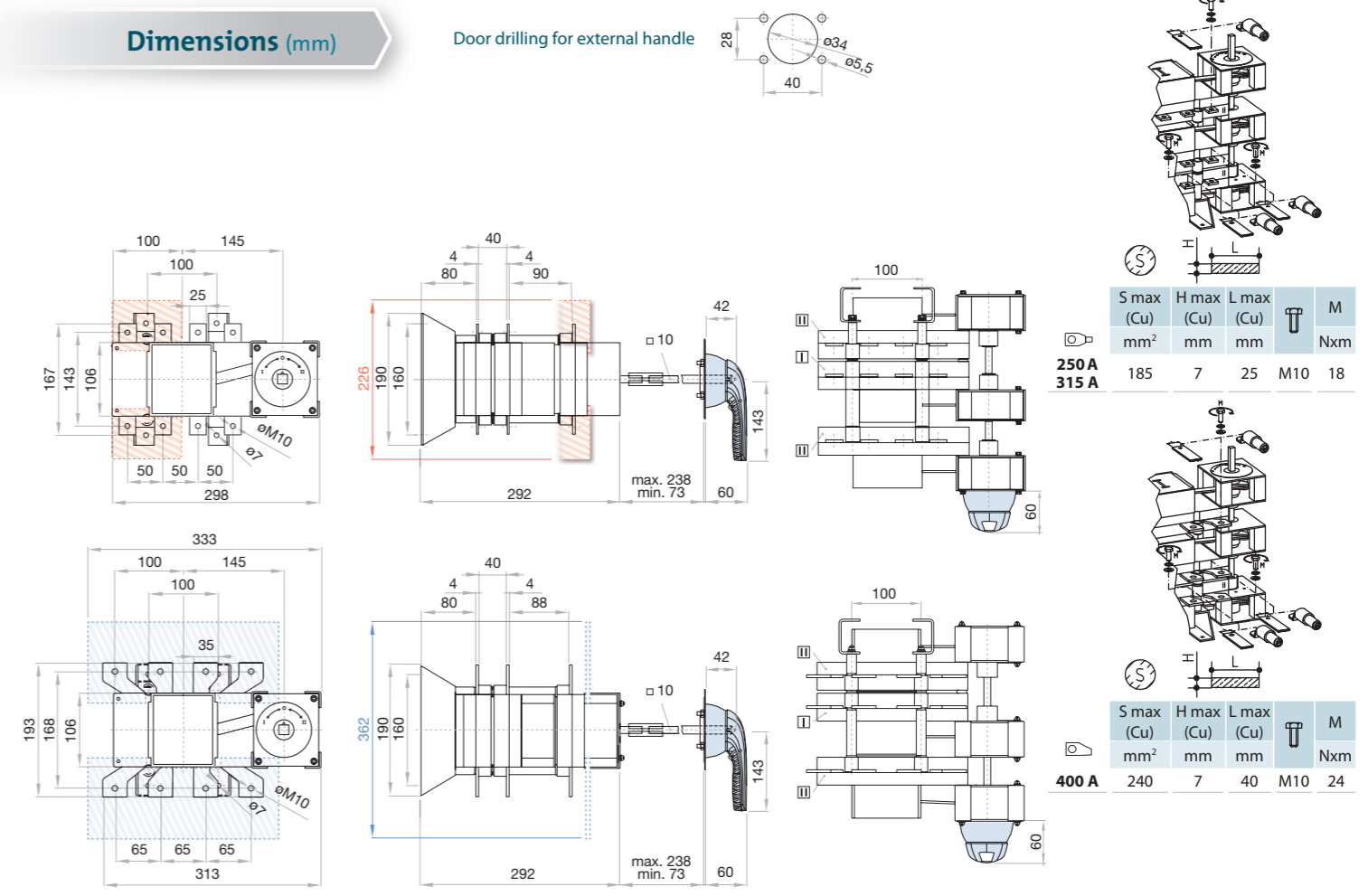
| | 250 | 315 | 400 |
|---|----------------------------|--------------|--------------|
| Rated breaking capacity 400V AC22 | A 750 | A 945 | A 1200 |
| Rated making capacity 400V AC22 | A 750 | A 945 | A 1200 |
| Short - circuit behaviour | | | |
| Short - circuit making capacity ^(**) I _{cm} | kA (peak) 20 | kA (peak) 20 | kA (peak) 20 |
| Short - time withstand current (1 sec.) I _{cw} | kA rms 12 | kA rms 12 | kA rms 12 |
| Number of mechanical operations (according to the standards, for other values please consult) | Cycles 8000 | Cycles 8000 | Cycles 5000 |
| Maximum weight (3/4 poles) | Kg 7,2/7,7 7,2/7,7 7,4/7,9 | | |



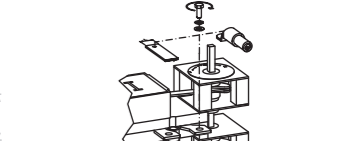
There are versions of bypass changeover without OFF 0 position "overlapped contacts":
S5B (I - I + II - II) = S5S....., please consult
 Also available 4P changeover switches under request, please consult



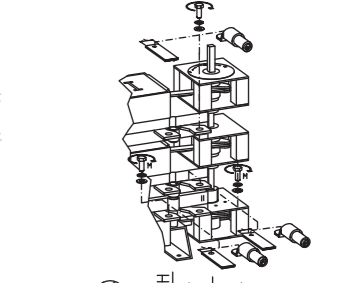
Dimensions (mm)



| S max (Cu) mm ² | H max (Cu) mm | L max (Cu) mm | T M | M Nxmm |
|----------------------------|---------------|---------------|-----|--------|
| 250 A | 185 | 7 | 25 | M10 18 |

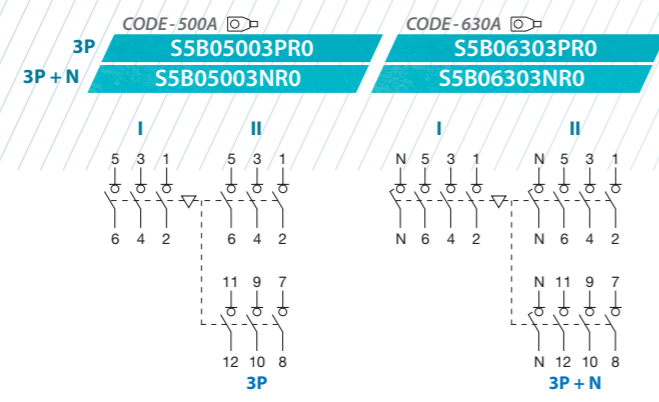
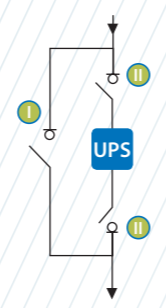
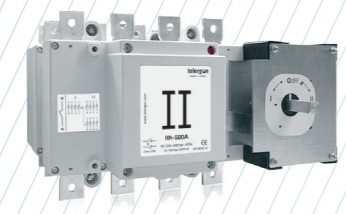


| S max (Cu) mm ² | H max (Cu) mm | L max (Cu) mm | T M | M Nxmm |
|----------------------------|---------------|---------------|-----|--------|
| 400 A | 240 | 7 | 40 | M10 24 |



S5B Bypass changeover switch base mounting 3P - 3P+N

Size 2
A 500|630



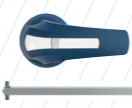
Accessories



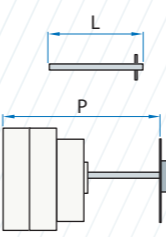
Direct handle
CODE D5LLI22



Terminal shrouds
CODE DS-CU21
(1 kit for input or output only front side)



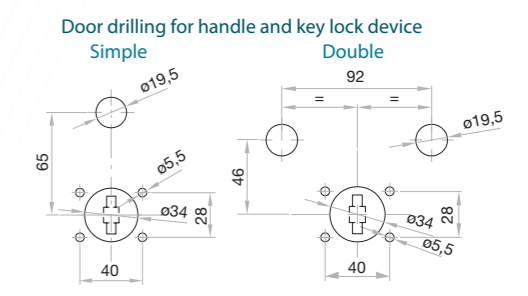
External handle included shaft^(e1)
IP65
CODE D5LLA21



Shafts
Standard shaft included^(e1)
L (mm) P (mm)
239 448... 613



Safety key lock device
Simple CODE D5LCB21
Double CODE D5LCF21
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked



Auxiliary contacts
1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

Technical information

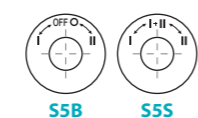


According to IEC 60947-3

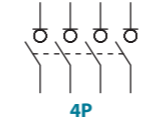
| | | | 500 | 630 |
|---|--|----|------|------|
| Rated thermal current | I _{th} in ambient at 40°C | A | 500 | 630 |
| Rated insulation voltage | U _i | V | 1000 | 1000 |
| Rated impulse withstand voltage | U _{imp} | kV | 12 | 12 |
| AC Rated operational current ^(*) | I _e U _e 400V AC21A | A | 500 | 630 |
| (Rated operational frequency 50/60 Hz) | U _e 400V AC22A | A | 500 | 630 |

^(*) Other voltages and/or utilization categories; please consult
^(**) Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)

| | | | 500 | 630 |
|---|-----------------|-----------|-----------|-----------|
| Rated breaking capacity | 400V AC22 | A | 1500 | 1890 |
| Rated making capacity | 400V AC22 | A | 1500 | 1890 |
| Short - circuit behaviour | | | | |
| Short - circuit making capacity ^(**) | I _{cm} | kA (peak) | 26 | 26 |
| Short - time withstand current (1 sec.) | I _{cw} | kA rms | 16 | 16 |
| Number of mechanical operations (according to the standards, for other values please consult) | | Cycles | 5000 | 5000 |
| Number of electrical operations | 400V AC22A | Cycles | 1000 | 1000 |
| Maximum weight (3/4 poles) | | Kg | 16,5/17,5 | 16,5/17,5 |

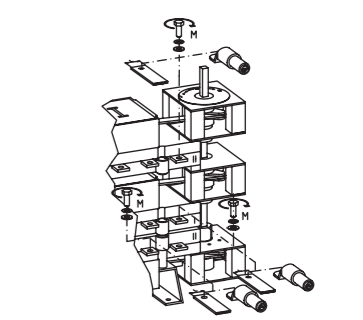
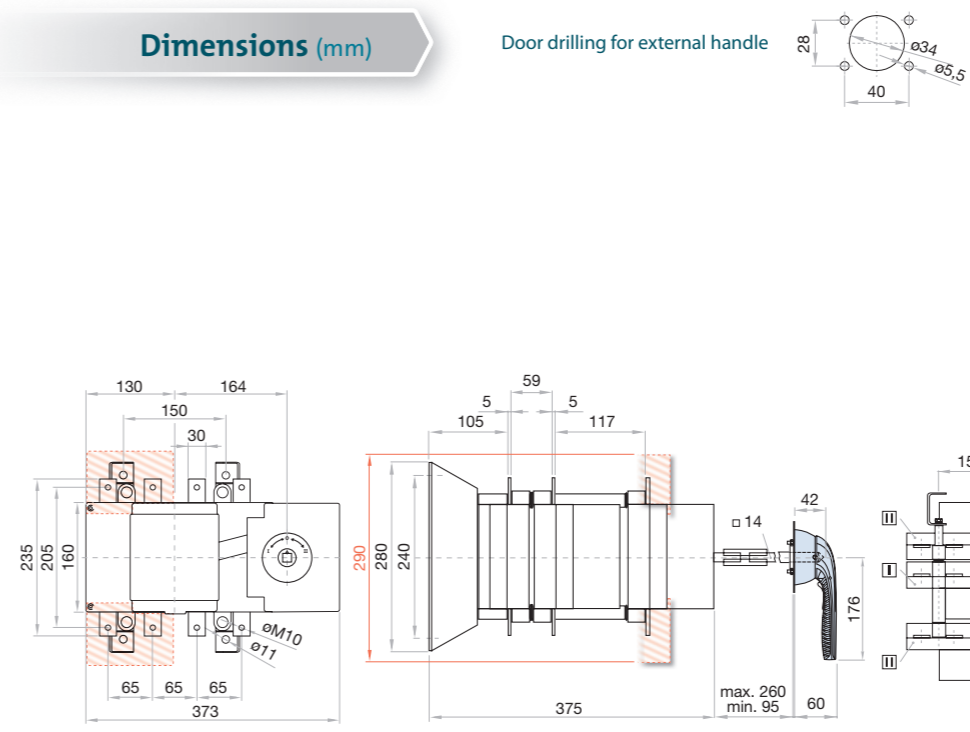


There are versions of bypass changeover without OFF 0 position "overlapped contacts":
S5B (I - I + II - II) = S5S....., please consult



Also available 4P changeover switches under request, please consult

Dimensions (mm)



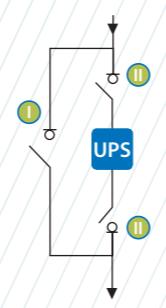
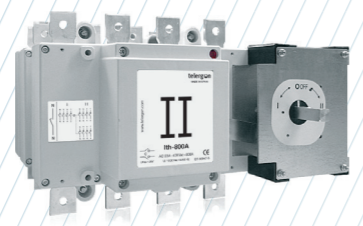
| S max (Cu) | H max (Cu) | L max (Cu) | M | | |
|-----------------|------------|------------|-----|-----|----|
| mm ² | mm | mm | Nxm | | |
| 500 A | 2x185 | 6 | 40 | M10 | 24 |

| S max (Cu) | H max (Cu) | L max (Cu) | M | | |
|-----------------|------------|------------|-----|-----|----|
| mm ² | mm | mm | Nxm | | |
| 630 A | 2x240 | 2x5 | 40 | M10 | 24 |

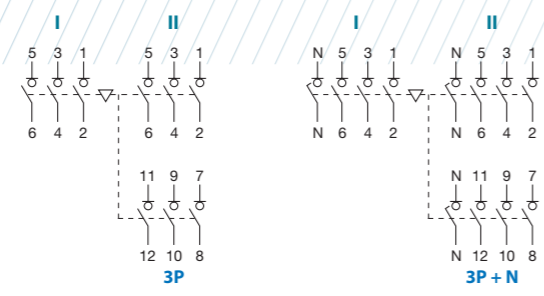


S5B Bypass changeover switch base mounting 3P - 3P+N

Size 3
A 800|1000



| | | |
|------|-------------|-------------|
| | CODE-800A | CODE-1000A |
| 3P | S5B08003PRO | S5B10003PC0 |
| 3P+N | S5B08003NRO | S5B10003NC0 |



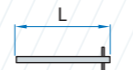
Accessories



Direct handle
CODE D5LLI32



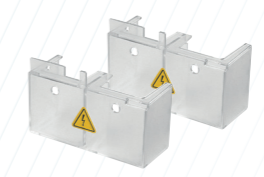
External handle included shaft*(e1)
IP65
CODE D5LLA31



Shafts
Standard shaft included *(e1)
L (mm) | P (mm)
239 | 480... 645



Auxiliary contacts
1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

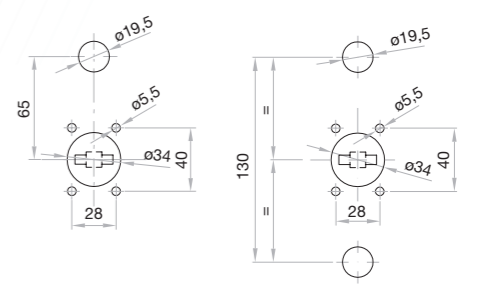


Terminal shrouds
CODE DS-CU31
(1 kit for input or output only front side)



Safety key lock device
Simple CODE D5LCB31
Double CODE D5LCF31
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

Door drilling for handle and key lock device
Simple Double



Technical information

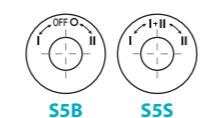


According to IEC 60947-3

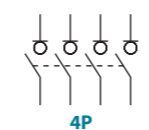
| | | | 800 | 1000 |
|---|----|---------------|------|------|
| Rated thermal current I _{th} in ambient at 40° C | A | | 800 | 1000 |
| Rated insulation voltage U _i | V | | 1000 | 1000 |
| Rated impulse withstand voltage U _{imp} | kV | | 12 | 12 |
| AC Rated operational current ^{(*)1} | Ie | Ue 400V AC21A | 800 | 1000 |
| (Rated operational frequency 50/60 Hz) | | Ue 400V AC22A | 800 | 1000 |

| | | | 800 | 1000 |
|---|-----------------|-----------|-----------|-----------|
| Rated breaking capacity | 400V AC22 | A | 2400 | 3000 |
| Rated making capacity | 400V AC22 | A | 2400 | 3000 |
| Short - circuit behaviour | | | | |
| Short - circuit making capacity ^{(*)2} | I _{cm} | kA (peak) | 60 | 60 |
| Short - time withstand current (1 sec.) | I _{cw} | kA rms | 25 | 25 |
| Number of mechanical operations (according to the standards, for other values please consult) | | Cycles | 3000 | 3000 |
| Maximum weight (3/4 poles) | | Kg | 26,5/28,6 | 26,5/28,6 |

^{(*)1} Other voltages and / or utilization categories; please consult
^{(*)2} Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)

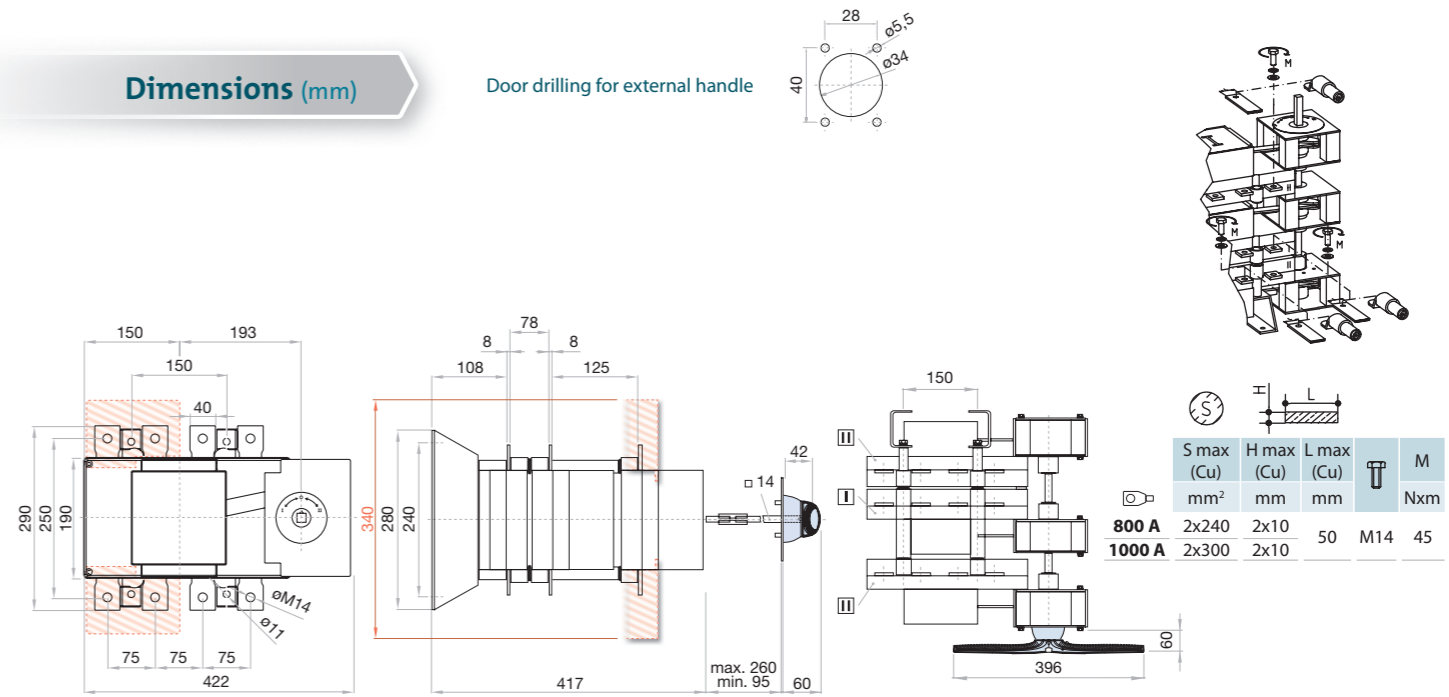


There are versions of bypass changeover without OFF 0 position "overlapped contacts":
S5B (I - I + II - II) = S5S....., please consult



Also available 4P changeover switches under request, please consult

Dimensions (mm)



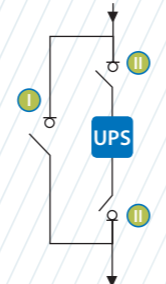
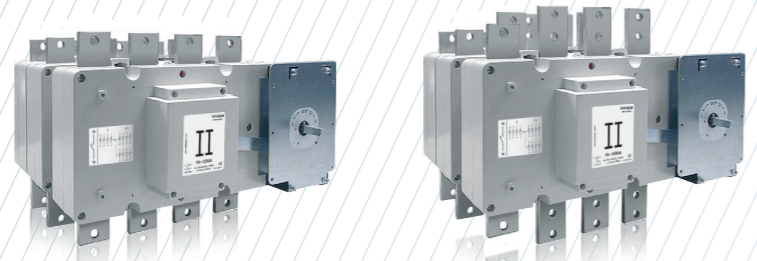
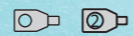
| | S max (Cu) mm ² | H max (Cu) mm | L max (Cu) mm | T | M |
|--------|----------------------------|---------------|---------------|-----|----|
| 800 A | 2x240 | 2x10 | 50 | M14 | 45 |
| 1000 A | 2x300 | 2x10 | | | |



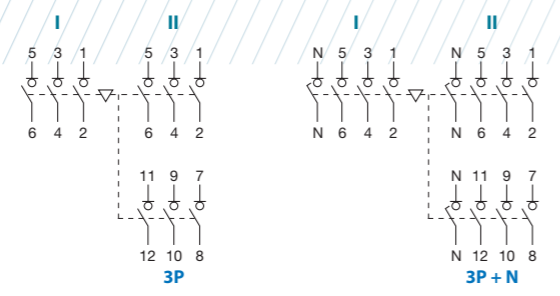
S5B Bypass changeover switch base mounting 3P - 3P+N

Size 4

A 1250|1600|1800|2000



| | | | | |
|--------|--------------|--------------|--------------|--------------|
| 3P | CODE - 1250A | CODE - 1600A | CODE - 1800A | CODE - 2000A |
| | S5B12503PS0 | S5B16003PS0 | S5B18003PS0 | S5B20003PS0 |
| 3P + N | S5B12503NS0 | S5B16003NS0 | S5B18003NS0 | S5B20003NS0 |



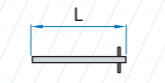
Accessories



Direct handle
CODE D5LLI32



External handle included shaft*(e1)
IP65
CODE D5LLA31



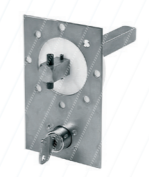
Shafts
Standard shaft included *(e1)
L (mm) P (mm)
239 572... 645



Auxiliary contacts
1NO+1NC CODE DS-AU11
2NO+2NC CODE DS-AU12
Ie = 16 A (resistive loads)
4 A (inductive loads) at 250 Vac.

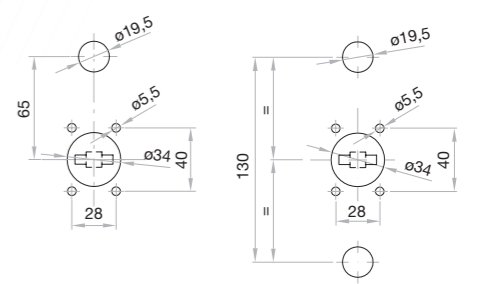


Terminal shrouds
CODE DS-CU41
(1 kit for input or output only front side)



Safety key lock device
Simple CODE D5LCB41
Double CODE D5LCF41
For external handle, lock the handle by means of a key in position "OFF" (under request, in "ON"), the key can only be removed with the handle locked

Door drilling for handle and key lock device
Simple Double



Technical information

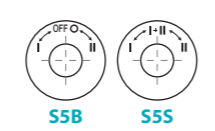


According to IEC 60947-3

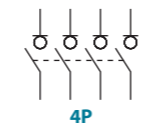
| | | | 1250 | 1600 | 1800 | 2000 |
|--|--|----|------|------|------|------|
| Rated thermal current | I _{th} in ambient at 40°C | A | 1250 | 1600 | 1800 | 2000 |
| Rated insulation voltage | U _i | V | 1000 | 1000 | 1000 | 1000 |
| Rated impulse withstand voltage | U _{imp} | kV | 12 | 12 | 12 | 12 |
| AC Rated operational current *(1) | I _e U _e 400V AC21A | A | 1250 | 1600 | 1800 | 2000 |
| (Rated operational frequency 50/60 Hz) | U _e 400V AC22A | A | 1250 | 1600 | 1800 | 2000 |

| | | | 1250 | 1600 | 1800 | 2000 |
|---|-----------------|-----------|-----------|-----------|-----------|-----------|
| Rated breaking capacity | 400V AC22 | A | 3750 | 4800 | 5400 | 6000 |
| Rated making capacity | 400V AC22 | A | 3750 | 4800 | 5400 | 6000 |
| Short - circuit behaviour | | | | | | |
| Short - circuit making capacity *(2) | I _{cm} | kA (peak) | 60 | 75 | 75 | 75 |
| Short - time withstand current (1 sec.) | I _{cw} | kA rms | 25 | 50 | 50 | 50 |
| Number of mechanical operations (according to the standards, for other values please consult) | Cycles | | 3000 | 3000 | 3000 | 3000 |
| Maximum weight (3/4 poles) | | Kg | 65,2/72,1 | 65,2/72,1 | 65,2/72,1 | 65,2/72,1 |

*1) Other voltages and/or utilization categories; please consult
*2) Without limiting protective device (short - circuit maintained 50 ms. - 100 ms.)



There are versions of bypass changeover without OFF 0 position "overlapped contacts":
S5B (I - I + II - II) = S5S, please consult



Also available 4P changeover switches under request, please consult

Dimensions (mm)

