



SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC



PRODUCT FEATURES

- 100 million times proven switching principle
- mechanical life endurance up to 1 million switching cycles
- Large variety
- Variants with IP 67 or dust protection insert
- Two housing variants
- Actuating characteristic
- Illuminated and non-illuminated variants
- Approval for 400 V (product-dependent)

ON REQUEST

- Other colors
- Other rocker printings
- Other lamp variants
- Snap-on customized actuators
- Cable assembly

Mechanical life endurance	10E4 5E4 (basic type 1839) 1E6 (product-dependent)
Inrush current (capacitive)	120 A / 50 A (contact pair Ag / Cu and basic type 1834)
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Proof tracking	250 PTI
Protection type	IP 40 / IP 67 (product-dependent)
Ambient temperature	terminal side -20 °C ... +105 °C / ... +85 °C / ... +100 °C (product-dependent) actuating side -20 °C ... +55 °C
Flammability	UL 94 V-2 UL 94 V-0 (product-dependent)
Glow wire test temperature	850 °C
Material actuator housing terminals	PA / PC (product-dependent) PA silver plated / tinned (product-dependent)
Plug force of the terminals	≤ 80 N
Approval marks	 /  /  / 
Suitable for appliances of protection class II	



SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

single-pole  	ON / OFF switch (SPST)	1830.3112	1830.3118	1830.0102	1831.0114	1831.3312	1831.3313	1831.3606	1831.3607	1831.3815	1831.3816	1831.3933	1831.8112	1831.3311	1831.1107
		230	230	230											
Lighting voltage (V)															
Actuator color / printing															
Housing color															
20 (4) A 250 V AC 1E4		o	o		o	o	o	o	o	o	o	o	o		
20 (4) A 250 V AC														o	
16 (4) A 250 V AC 1E4															
10 (8) A 400 V AC 5E4															
10 (8) A 250 V AC 5E4		o	o		o	o	o	o	o	o	o	o	o	o	
10 (4) A 250 V AC 1E4				o											o
10 A 12 V DC															
6 (4) A 250 V AC 5E4				o											o
6 (4) A 250 V AC 1E4															
6 (4) A 250 V AC															
4 (2) A 250 V AC 1E4															
30 mA 12 V DC															
16 A 250 V AC 1 HP		o	o		o	o	o	o	o	o	o	o	o	o	
16 A 250 V AC 1/2 HP															
16 A 125 V AC 1/3 HP					o	o	o	o	o	o	o	o	o	o	
16 A 125 V AC 1/4 HP															
6 A 250 V AC 1/2 HP				o											o
6 A 125 V AC 1/4 HP															o
6 A 125 - 250 V AC 1/8 HP															
6 A 125 V AC 1/10 HP															
4 A 250 V AC 1/10 HP															
Terminal type															
Terminal description		6.3	6.3			6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.8
Contact distance (mm)		≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3
Contact material		Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag
EN 60335 cap. 30 conform "G"								o	o					o	
Miscellaneous								housing with 2 separating gates	housing with 2 separating gates	1E6 mechanical life endurance IP 67	1E6 mechanical life endurance IP 67		lower lying flange		
Stock version		o	o			o	o						o	o	o

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH 'N' DRIVE



SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

single-pole  	Normally open switch (SPNO)				Changeover switch (SPDT)			Changeover switch with OFF position in the center (SPDT - Center OFF)					
	1831.1202	1831.3402	1831.8202	1831.1253	1833.3312	1833.1102	1833.3307	1838.0305	1838.3901	1838.1402	1838.1502	1838.1509	1838.1602
Lighting voltage (V)													
Actuator color / printing													
Housing color													
20 (4) A 250 V AC 1E4													
20 (4) A 250 V AC													
16 (4) A 250 V AC 1E4													
10 (8) A 400 V AC 5E4													
10 (8) A 250 V AC 5E4													
10 (4) A 250 V AC 1E4													
10 A 12 V DC													
6 (4) A 250 V AC 5E4													
6 (4) A 250 V AC 1E4													
6 (4) A 250 V AC													
4 (2) A 250 V AC 1E4													
30 mA 12 V DC													
16 A 250 V AC 1 HP													
16 A 250 V AC 1/2 HP													
16 A 125 V AC 1/3 HP													
16 A 125 V AC 1/4 HP													
6 A 250 V AC 1/2 HP													
6 A 125 V AC 1/4 HP													
6 A 125 - 250 V AC 1/8 HP													
6 A 125 V AC 1/10 HP													
4 A 250 V AC 1/10 HP													
Terminal type													
Terminal description													
Contact distance (mm)													
Contact material													
EN 60335 cap. 30 conform "G"													
Miscellaneous													
Stock version													

ROCKERSWITCHES

PUSHBUTTON SWITCHES

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MIKRO-SIGNALSCHALTER

SENSORS

ECO

PUSH'N'DRIVE



SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

single-pole 	Changeover switch with OFF position in the center (SPDT - Center OFF)				Changeover switch (SPDT momentary)		
	1838.4307	1838.8302	1838.3402	1838.3502	1835.3902	1833.1202	1833.3402
Lighting voltage (V)					230		
Actuator color / printing							
Housing color							
20 (4) A 250 V AC 1E4							
20 (4) A 250 V AC							
16 (4) A 250 V AC 1E4							
10 (8) A 400 V AC 5E4							
10 (8) A 250 V AC 5E4							
10 (4) A 250 V AC 1E4							
10 A 12 V DC							
6 (4) A 250 V AC 5E4							
6 (4) A 250 V AC 1E4							
6 (4) A 250 V AC							
4 (2) A 250 V AC 1E4							
30 mA 12 V DC							
16 A 250 V AC 1 HP							
16 A 250 V AC 1/2 HP							
16 A 125 V AC 1/3 HP							
16 A 125 V AC 1/4 HP							
6 A 250 V AC 1/2 HP							
6 A 125 V AC 1/4 HP							
6 A 125 - 250 V AC 1/8 HP							
6 A 125 V AC 1/10 HP							
4 A 250 V AC 1/10 HP							
Terminal type							
Terminal description							
Contact distance (mm)							
Contact material							
EN 60335 cap. 30 conform "G"							
Miscellaneous							
Stock version							

ROCKER SWITCHES

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SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

double-pole 	ON / OFF switch (DPST)														
Lighting voltage (V)	400	230	230	230	230	230	230	230	230	115 - 230	12				
Actuator color / printing															
Housing color															
20 (4) A 250 V AC 1E4															
20 (4) A 250 V AC															
16 (4) A 250 V AC 1E4															
10 (8) A 400 V AC 5E4															
10 (8) A 250 V AC 5E4															
10 (4) A 250 V AC 1E4															
10 A 12 V DC															
6 (4) A 250 V AC 5E4															
6 (4) A 250 V AC 1E4															
6 (4) A 250 V AC															
4 (2) A 250 V AC 1E4															
30 mA 12 V DC															
16 A 250 V AC 1 HP															
16 A 250 V AC 1/2 HP															
16 A 125 V AC 1/3 HP															
16 A 125 V AC 1/4 HP															
6 A 250 V AC 1/2 HP															
6 A 125 V AC 1/4 HP															
6 A 125 - 250 V AC 1/8 HP															
6 A 125 V AC 1/10 HP															
4 A 250 V AC 1/10 HP															
Terminal type															
Terminal description	6.3	6.3	6.3	6.3	6.3		6.3	6.3	6.3	6.3	6.3	4.8	6.3	6.3	6.3
Contact distance (mm)	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3	≥ 3
Contact material	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag
EN 60335 cap. 30 conform “G”															
Miscellaneous	cover frame 33.2 long					PCB holder 248.103.011 mounted lower lying flange						cover frame 33.2 long			
Stock version															

ROCKERSWITCHES

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MIKRO-SIGNALSCHALTER

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PUSH'N'DRIVE



SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

double-pole 											
		ON / OFF switch (DPST)									
Lighting voltage (V)			1832.3602		1832.6112		1832.7103		1832.8112		1832.9103
Actuator color / printing											
Housing color											
20 (4) A 250 V AC 1E4			☐		☐		☐		☐		☐
20 (4) A 250 V AC											
16 (4) A 250 V AC 1E4									☐		☐
10 (8) A 400 V AC 5E4											
10 (8) A 250 V AC 5E4			☐		☐		☐		☐		☐
10 (4) A 250 V AC 1E4									☐		☐
10 A 12 V DC											☐
6 (4) A 250 V AC 5E4									☐		☐
6 (4) A 250 V AC 1E4											☐
6 (4) A 250 V AC											
4 (2) A 250 V AC 1E4										☐	
30 mA 12 V DC											
16 A 250 V AC 1 HP			☐		☐		☐		☐		☐
16 A 250 V AC 1/2 HP										☐	☐
16 A 125 V AC 1/3 HP			☐		☐		☐		☐		☐
16 A 125 V AC 1/4 HP										☐	☐
6 A 250 V AC 1/2 HP									☐	☐	☐
6 A 125 V AC 1/4 HP									☐	☐	☐
6 A 125 - 250 V AC 1/8 HP											
6 A 125 V AC 1/10 HP										☐	☐
4 A 250 V AC 1/10 HP										☐	☐
Terminal type											
Terminal description			6.3		4.8		6.3		4.8		6.3
Contact distance (mm)			≥ 3		≥ 3		≥ 3		≥ 3		≥ 3
Contact material			Ag		Ag		Ag		Ag		Ag
EN 60335 cap. 30 conform "G"											
Miscellaneous			cover frame 33.2 long		lower lying flange		lower lying flange		lower lying flange		dust protection inlay
Stock version									☐		☐
		Normally open contact (DPNO)									
					1832.3407						
		Changeover switch (DPDT)									
					1835.3802		1834.3311		1834.3312		
					230						
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SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

double-pole 	Changeover switch (DPDT)									
	1834.1102	1834.3302	1834.3309	1834.3603	1834.6103	Changeover switch with OFF position in the center (DPDT - Center OFF)				
Lighting voltage (V)						1839.3512	1839.1402	1839.1407	1839.1410	1839.1502
Actuator color / printing										
Housing color										
20 (4) A 250 V AC 1E4										
20 (4) A 250 V AC										
16 (4) A 250 V AC 1E4										
10 (8) A 400 V AC 5E4										
10 (8) A 250 V AC 5E4										
10 (4) A 250 V AC 1E4										
10 A 12 V DC										
6 (4) A 250 V AC 5E4										
6 (4) A 250 V AC 1E4										
6 (4) A 250 V AC										
4 (2) A 250 V AC 1E4										
30 mA 12 V DC										
16 A 250 V AC 1 HP										
16 A 250 V AC 1/2 HP										
16 A 125 V AC 1/3 HP										
16 A 125 V AC 1/4 HP										
6 A 250 V AC 1/2 HP										
6 A 125 V AC 1/4 HP										
6 A 125 - 250 V AC 1/8 HP										
6 A 125 V AC 1/10 HP										
4 A 250 V AC 1/10 HP										
Terminal type										
Terminal description										
Contact distance (mm)										
Contact material										
EN 60335 cap. 30 conform "G"										
Miscellaneous										
Stock version										

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MIKRO-SIGNALSCHALTER

SENSORS

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PUSH'N'DRIVE



SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

double-pole 								
Lighting voltage (V)								
Actuator color / printing								
Housing color								
20 (4) A 250 V AC 1E4								
20 (4) A 250 V AC								
16 (4) A 250 V AC 1E4								
10 (8) A 400 V AC 5E4								
10 (8) A 250 V AC 5E4								
10 (4) A 250 V AC 1E4								
10 A 12 V DC								
6 (4) A 250 V AC 5E4								
6 (4) A 250 V AC 1E4								
6 (4) A 250 V AC								
4 (2) A 250 V AC 1E4								
30 mA 12 V DC								
16 A 250 V AC 1 HP								
16 A 250 V AC 1/2 HP								
16 A 125 V AC 1/3 HP								
16 A 125 V AC 1/4 HP								
6 A 250 V AC 1/2 HP								
6 A 125 V AC 1/4 HP								
6 A 125 - 250 V AC 1/8 HP								
6 A 125 V AC 1/10 HP								
4 A 250 V AC 1/10 HP								
Terminal type								
Terminal description								
Contact distance (mm)								
Contact material								
EN 60335 cap. 30 conform "G"								
Miscellaneous								
Stock version								

Changeover switch with OFF position in the center (DPDT - Center OFF)

Changeover switch (DPDT momentary)

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SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

	Lamp	1837.1118	1837.3102	1837.8102	1837.8108
		230	230	230	230
Lighting voltage (V)		230	230	230	230
Actuator color / printing					
Housing color					
20 (4) A 250 V AC 1E4					
20 (4) A 250 V AC					
16 (4) A 250 V AC 1E4					
10 (8) A 400 V AC 5E4					
10 (8) A 250 V AC 5E4					
10 (4) A 250 V AC 1E4					
10 A 12 V DC					
6 (4) A 250 V AC 5E4					
6 (4) A 250 V AC 1E4					
6 (4) A 250 V AC					
4 (2) A 250 V AC 1E4					
30 mA 12 V DC					
16 A 250 V AC 1 HP					
16 A 250 V AC 1/2 HP					
16 A 125 V AC 1/3 HP					
16 A 125 V AC 1/4 HP					
6 A 250 V AC 1/2 HP					
6 A 125 V AC 1/4 HP					
6 A 125 - 250 V AC 1/8 HP					
6 A 125 V AC 1/10 HP					
4 A 250 V AC 1/10 HP					
Terminal type					
Terminal description		4.8	6.3	6.3	6.3
Contact distance (mm)					
Contact material					
EN 60335 cap. 30 conform "G"					
Miscellaneous			size basic type 1835	size basic type 1835	
Stock version					

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PUSH'N'DRIVE

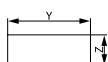


SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

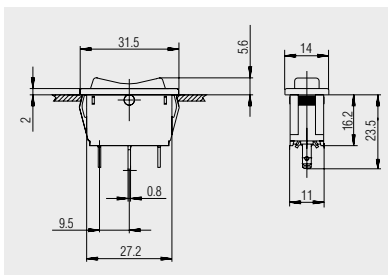


Basic types 1830, 1831,
1833 and 1838
single-pole
illuminated / non-illuminated

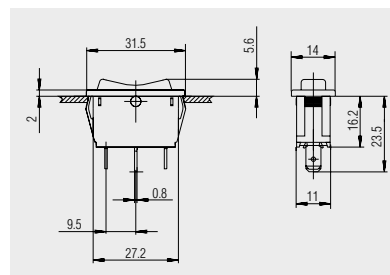


X = Wall thickness

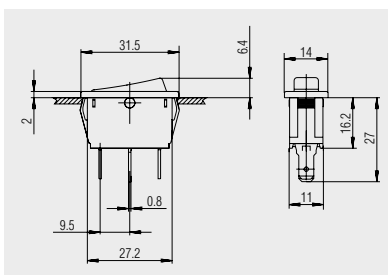
x	y	z
0.75 ... 1.25	30 ^{-0.1}	11 ^{+0.1}
1.25 ... 2	30.2 ^{-0.1}	11 ^{+0.1}
2 ... 3	30.6 ^{-0.1}	11 ^{+0.1}



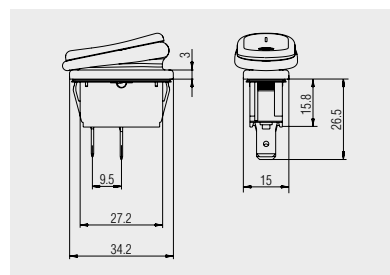
Quick-connect terminal 2.8 x 0.8
1838.4307



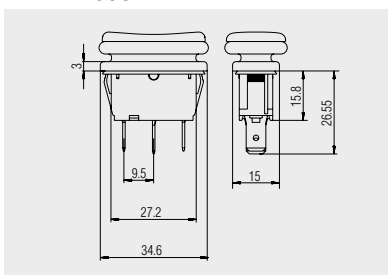
Quick-connect terminal 4.8 x 0.8
basic type 1838



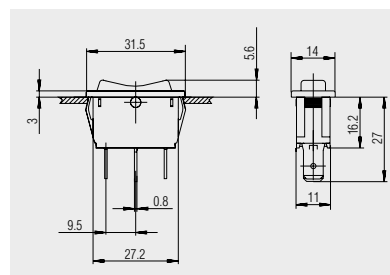
Quick-connect terminal 4.8 x 0.8
basic types 1830, 1831 and
1833



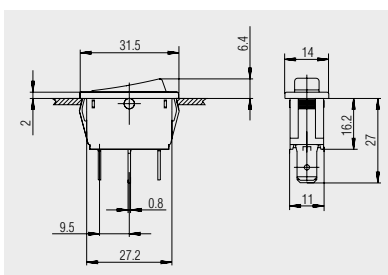
Quick-connect terminal 6.3 x 0.8
1831.3815



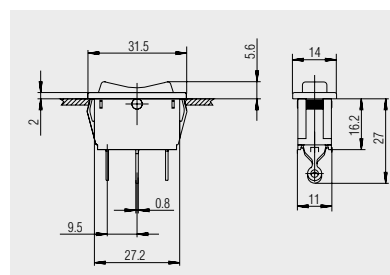
Quick-connect terminal 6.3 x 0.8
1838.3901



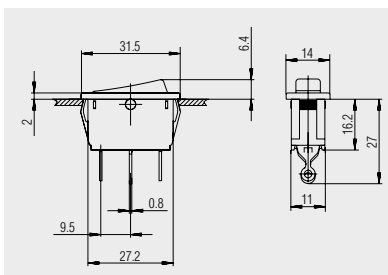
Quick-connect terminal 6.3 x 0.8
basic type 1838



Quick-connect terminal 6.3 x 0.8
basic types 1831 and 1833



Solder terminal
basic type 1838



Solder terminal
basic types 1830 and 1831

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

MINI-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH 'N' DRIVE

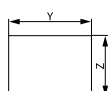


SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

T0 20 (4) A 250 V AC

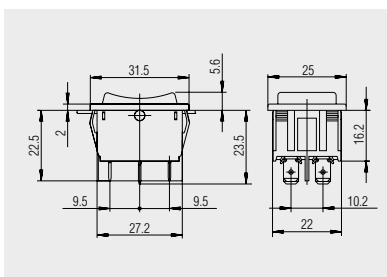


Basic types 1832, 1834,
1835 and 1839
double-pole
illuminated / non-illuminated

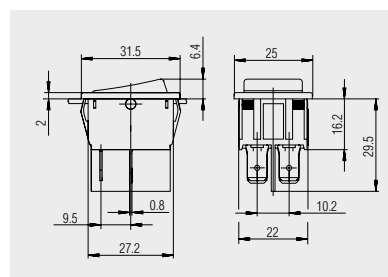


X = Wall thickness

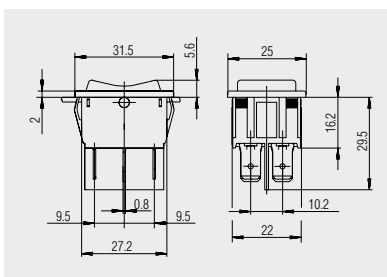
x	y	z
0.75 ... 1.25	30 ^{-0.1}	22 ^{+0.2}
1.25 ... 2	30.2 ^{-0.1}	22 ^{+0.2}
2 ... 3	30.6 ^{-0.1}	22 ^{+0.2}



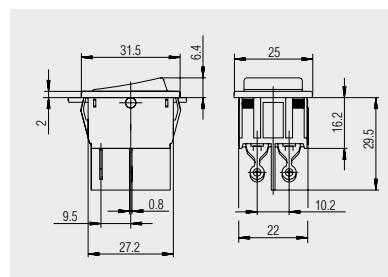
Quick-connect terminal 4.8 x 0.8



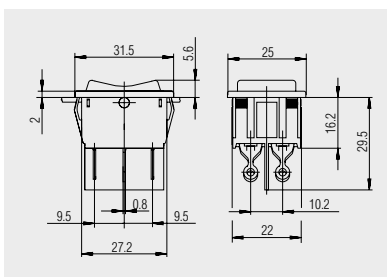
Quick-connect terminal 6.3 x 0.8 / 4.8
basic types 1832, 1834 and 1835



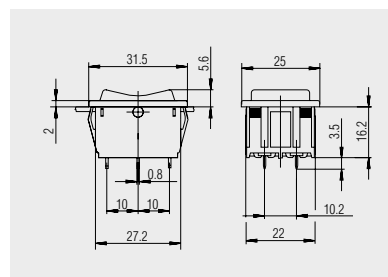
Quick-connect terminal 6.3 x 0.8
basic type 1839



Solder terminal
basic type 1832



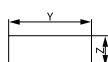
Solder terminal
basic type 1839



PCB terminal
basic type 1839

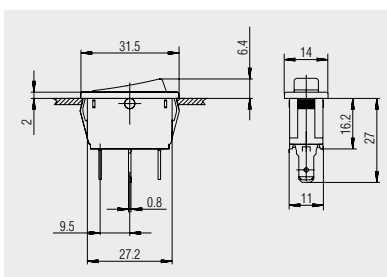


Basic types 1830, 1831 and 1833
single-pole, lower lying flange
illuminated / non-illuminated



X = Wall thickness

x	y	z
0.75 ... 1.25	30 ^{-0.1}	11 ^{+0.1}
1.25 ... 2	30.2 ^{-0.1}	11 ^{+0.1}
2 ... 3	30.6 ^{-0.1}	11 ^{+0.1}



Quick-connect terminal 4.8 x 0.8
basic types 1830, 1831 and
1833

ROCKERSWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH'N'DRIVE

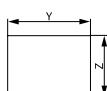


SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

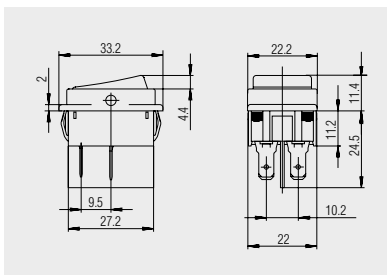


Basic types 1832, 1834,
1835 and 1839
double-pole, lower lying flange
illuminated / non-illuminated

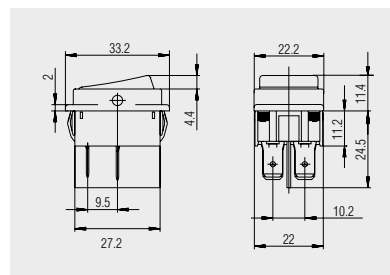


X = Wall thickness

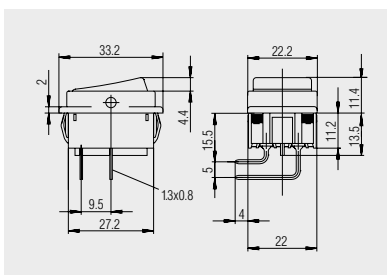
x	y	z
0.75 ... 1.25	30 ^{-0.1}	22 ^{+0.2}
1.25 ... 2	30.2 ^{-0.1}	22 ^{+0.2}
2 ... 3	30.6 ^{-0.1}	22 ^{+0.2}



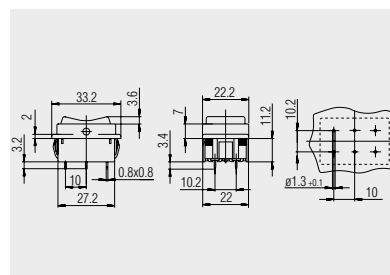
Quick-connect terminal 4.8 x 0.8
basic types 1832 and 1834



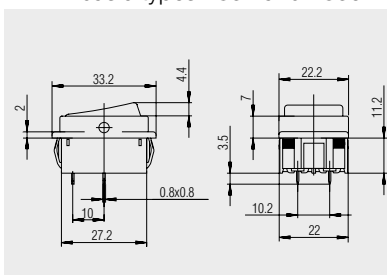
Quick-connect terminal 6.3 x 0.8
basic type 1832



PCB terminal
angled
basic types 1832 and 1835



PCB terminal
basic type 1839



PCB terminal
basic types 1832 and 1835

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH 'N' DRIVE

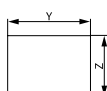


SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC

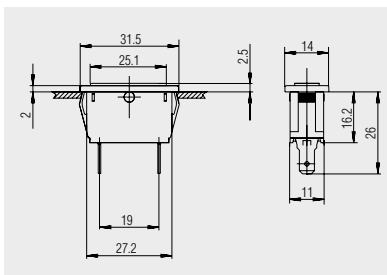


Basic type 1837 lamp
single and double-pole

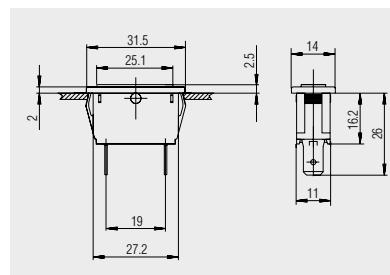


X = Wall thickness

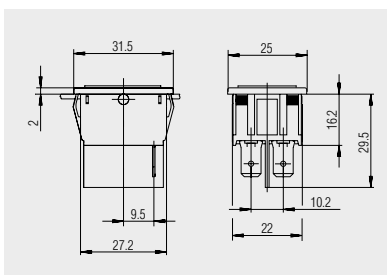
x	y	z
0.75 ... 1.25	30 ^{-0.1}	22 ^{+0.1}
1.25 ... 2	30.2 ^{-0.1}	22 ^{+0.1}
2 ... 3	30.6 ^{-0.1}	22 ^{+0.1}



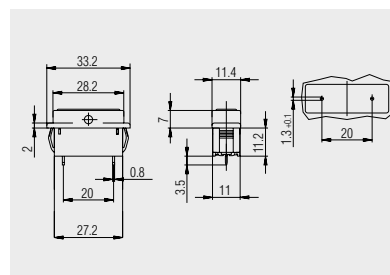
Quick-connect terminal 4.8 x 0.8
single-pole size



Quick-connect terminal 6.3 x 0.8
single-pole size



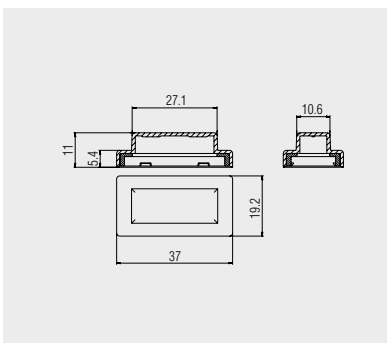
Quick-connect terminal 6.3 x 0.8
double-pole size



PCB terminal
lower lying flange
1837.2504



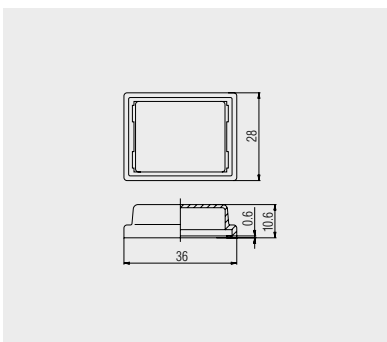
Protection cap
203.731.011



Transparent PVC-protection cap for single-pole switches of basic types 1830, 1831, 1833 and 1838. Serves as dust and water protection of the actuation side.



Protection cap
203.201.011



Transparent PVC-protection cap for double-pole switches of basic types 1832, 1834, 1835 and 1839 with frame length 33.2 mm. Serves as dust and water protection of the actuation side.

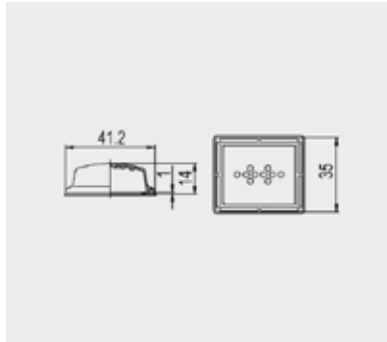


SERIES 1830 - SINGLE AND DOUBLE-POLE ROCKER SWITCHES

TO 20 (4) A 250 V AC



Protection cap
203.078.011



Transparent PVC-protection cap with burling. Serves as dust and water protection of the actuation side for double-pole basic types 1832, 1834, 1835 and 1839 with standard flange length 30 mm.



Dummy cap
203.145.051



Housing
217.132.031

Housing and dummy cap for double-pole size of basic types 1830, 1831, 1833, 1837 and 1838 made of PA black.

Housing and dummy cap must be assembled by the customer and make only sense in combination



Dummy cap
203.146.051



Housing
217.127.491

Housing and dummy cap for double-pole size of basic types 1832, 1834, 1835 and 1839 made of PA black.

Housing and dummy cap must be assembled by the customer and make only sense in combination



Block connector
217.954.011

Block connector for cable connection for the double-pole versions of the rocker switch series 1830 und 1930.

Used with the standard timer plug AMP 0-927 936-1

Schutzvermerk
nach DIN 34 beachten
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1

2

3

4

A	Empfohlener Ausschnitt für Rastbefestigung (Grat gegenüber Bestückungsseite) recommended cut-out for snap-in fixing (edge opposite to snap-in direction)	Wanddicke wall thickness	Ausschnittlänge length of cut-out	Ausschnittbreite width of cut-out
		0.75 to / bis 1.25	30 -0.1	22 +0.2
		1.25 to / bis 2	30.2 -0.1	22 +0.2
		2 to / bis 3	30.6 -0.1	22 +0.2

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2

6.4

9.5

27.2

1a

1b

1

2

Flachstecker
plug-in
DIN 46244-A 6.3x0.8

22 -0.3

16.2

29.5

10.2

25

33.2

weiss
white

schwarz
black

schwarz
black

R1

Aufschrift
Marking

1834.

6(4)/250 ~ 5E4

10(4)/250 ~ T105/55

05

6A 125-250V AC

1/4 HP 125V AC

1/2 HP 250V AC

R30

Herstellort/-jahr/-woche
nach DIN EN 60062

code of manufacture:
place / year / week
acc. to DIN EN 60062

Auf Verpackung / on box: G

Umschalter 2-polig
Fuer Geræete der Klasse II geeignet.

DPDT
suitable for appliance of class II

G=Konform nach IEC 60335-1:2001 Kap.30

G=matching IEC 60335-1:2001 clause 30

Für Form und Lage FOR SHAPE AND LOC.		Allgemeintoleranzen UNTOLERANCED DIMENSIONS		Pause COPY	Blatt SHEET		Typ K	Zeichn./DRAWING NO. 1834.3603	Index		
Für Winkel FOR ANGLE ± 2°		PROJECTION	Abmasse und Nennmassbereiche Angaben in mm		Original DIN	Maßstab SCALE 1:1					
			Laengen LENGTH	Radien RADII	0 10 20 30 mm		Geræteschalter Appliance Switch				
			0-6 ± 0.2	± 0.2							
			>6-15 ± 0.4	± 0.4			MARQUARDT Marquardt GmbH, D-78604 Rietheim-Weilheim				
			>15-30 ± 0.4	± 0.4							
			>30-70 ±				Ersatz für/REPLACEMENT OF				
			>70-120 ±								
			>120-200 ±	± 10%			CAD Medusa Z				
			ALL DIMENSIONS ARE IN MILLIMETRES								
c	64508	09.09.09	hhe	g			gepr./DRAWN BY 21.07.06 hhe gepr./CHECKED BY Mej				
b	50412	14.12.06	hhe	f							
a	48659	03.08.06	hhe	e			Ausg. / ISSUE				
	48428	21.07.06	hhe	d							
Ausg. / ISSUE		Änderung / REVISION		Änderung / REVISION		Änderung / REVISION					

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