



# SERIES 1550 ECO - SINGLE-POLE ROCKER SWITCHES

TO 10 (4) A 250 V AC 1E4



## PRODUCT FEATURES

- Automatic switching off with flexible timer  
4s - 71 h (auto-off)
- Automatic switching off with signal from the end device (remote-off)
- 100 million times proven switching principle
- Symmetric actuation characteristic
- Compact, one piece solution
- High design variety
- Auto-off version with intelligent current detection
- Energy neutral through total single-pole galvanic separation - "Zero-Watt"
- Stable, automatic snap-in from the back

## ON REQUEST

- Other colors
- Other printing variants
- Other shut off times
- Other lamp variants
- Other installation method
- Other terminal types
- Other trigger types
- Higher electrical rating



<b>Mechanical life endurance</b>	5E4
<b>Contact distance</b>	≥ 3 mm
<b>Contact resistance (new condition)</b>	< 100 mΩ (1 A 12 V DC)
<b>Insulation resistance (new condition)</b>	> 100 MΩ (500 V DC)
<b>Proof tracking</b>	250 PTI
<b>Protection type</b>	IP 40
<b>Ambient temperature</b>	terminal side -20 °C ... +85 °C actuating side -20 °C ... +55 °C
<b>Flammability</b>	UL 94 V-2
<b>Glow wire test temperature</b>	850 °C
<b>Material actuator housing</b>	PA PA
<b>Plug force of the terminals</b>	≤ 80 N
<b>Approval marks</b>	
<b>Suitable for appliances of protection class II</b>	


ROCKERSWITCHES  
 PUSHBUTTON SWITCHES  
 TOGGLE SWITCHES  
 SLIDE SWITCHES  
 ROTARY SWITCHES  
 FOOT SWITCHES  
 TACT AND KEY SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SNAP-ACTION SWITCHES  
 SENSORS  
 ECO  
 PUSH IN DRIVE



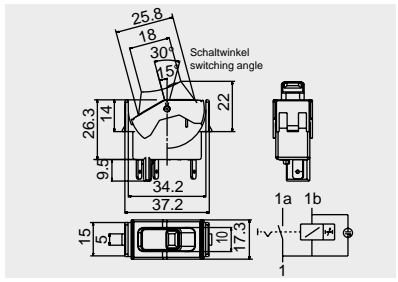
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TO 10 (4) A 250 V AC 1E4

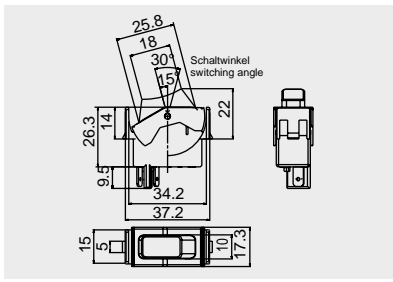
	Lighting voltage in V	Actuator color / printing	Housing color	Terminal type	Terminal description	Contact material	Miscellaneous	Stock version
 single-pole 						EN 60335 cap. 30 conform "G"		
<b>ON / OFF switch (SPST)</b>								
1550.1940	230			○		4.8 Ag ○	auto-off-function auto-off time: t = 30 min.	
1550.1942	230			○		4.8 Ag ○	auto-off-function auto-off time: t = 1h with current detection	
1550.1943	230			○		4.8 Ag ○	auto-off-function auto-off time: t = 15 min.	
1550.1944	230			○		4.8 Ag ○	auto-off-function auto-off time: t = 15 min.	
1550.1950	230			○		4.8 Ag ○	remote-off function	
1550.1902	230		○			4.8 Ag ○	standard switch without ECO function	○
1551.1950				○		4.8 Ag ○	remote-off function	
1551.1902			○			4.8 Ag ○	standard switch without ECO function	○



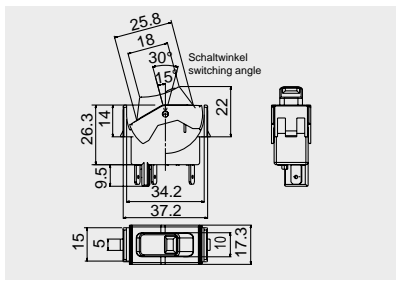
Basic type 1550 ECO



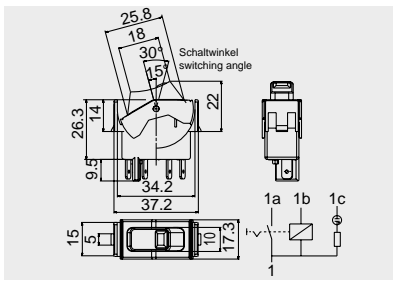
Quick-connect terminal 4.8 x 0.8  
auto-off  
auto-off with current detection



Quick-connect terminal 4.8 x 0.8  
ON / OFF standard version



Quick-connect terminal 4.8 x 0.8  
ON / OFF standard version  
illuminated



Quick-connect terminal 4.8 x 0.8  
Remote-OFF

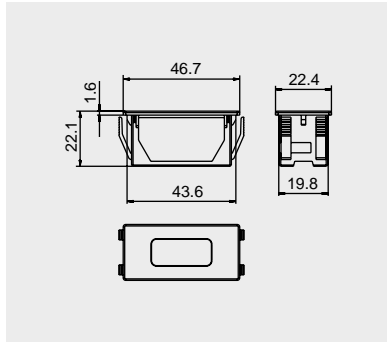


# SERIES 1550 ECO - SINGLE-POLE ROCKER SWITCHES

TO 10 (4) A 250 V AC 1E4



Installation frame  
217.xxx.xxx



Installation frame with flange and latching from the front side



Holder clamp  
on request



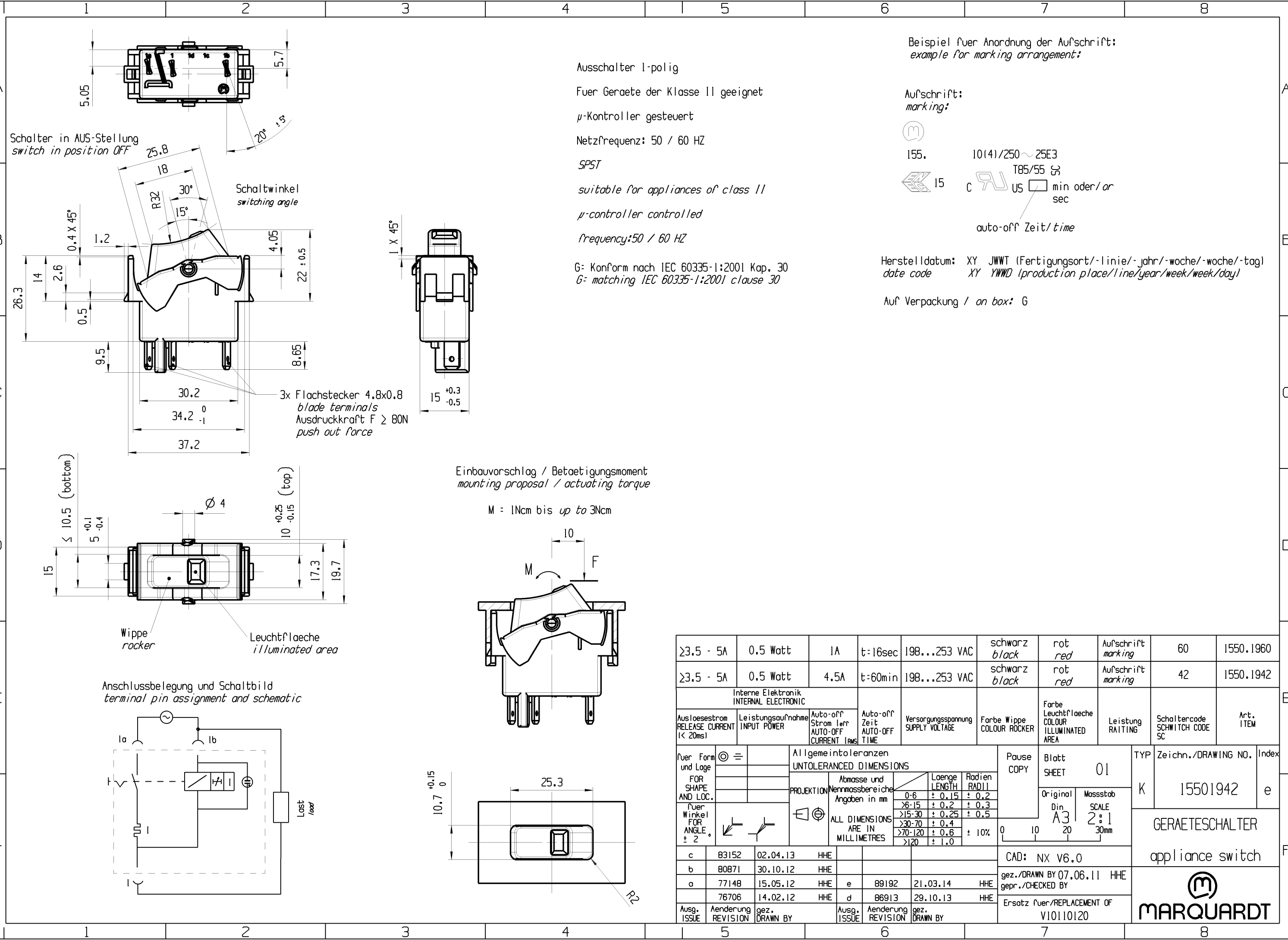
Holder clamp made of metal as installation alternative. Switch is delivered with attached clamps.

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VERTRAULICH

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Ausschalter 1-polig  
 Fuer Gerate der Klasse II geeignet  
 µ-Kontroller gesteuert  
 Netzfrequenz: 50 / 60 HZ  
 SPST  
 suitable for appliances of class II  
 µ-controller controlled  
 frequency: 50 / 60 HZ  
 G: Konform nach IEC 60335-1:2001 Kap. 30  
 G: matching IEC 60335-1:2001 clause 30

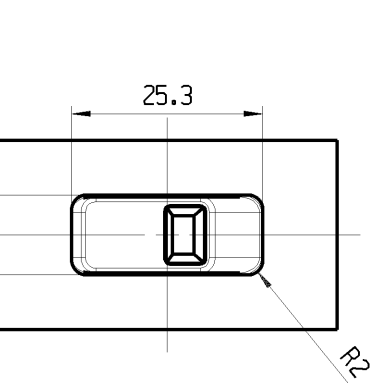
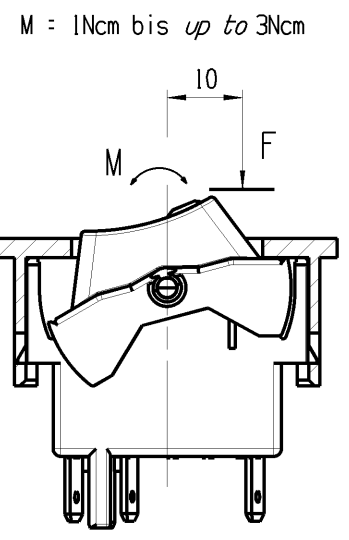
Beispiel fuer Anordnung der Aufschrift:  
 example for marking arrangement:

Aufschrift:  
 marking:  
 155. 10(4)/250~25E3  
 T85/55 ⚡  
 15 C US min oder/or sec  
 auto-off Zeit/time

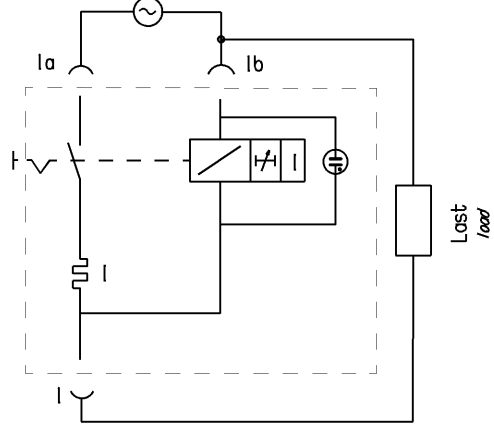
Herstelldatum: XY JWWT (Fertigungsart/-linie/-jahr/-woche/-woche/-tag)  
 date code XY YWWD (production place/line/year/week/week/day)

Auf Verpackung / on box: G

Einbauvorschlag / Betaetigungsmoment  
 mounting proposal / actuating torque



Anschlussbelegung und Schaltbild  
 terminal pin assignment and schematic



≥3.5 - 5A	0.5 Watt	1A	t:16sec	198...253 VAC	schwarz black	rot red	Aufschrift marking	60	1550.1960		
≥3.5 - 5A	0.5 Watt	4.5A	t:60min	198...253 VAC	schwarz black	rot red	Aufschrift marking	42	1550.1942		
Ausloesestrom RELEASE CURRENT (< 20ms)		Leistungsaufnahme INPUT POWER	Auto-off Strom Ierr AUTO-OFF CURRENT I <sub>err</sub>	Auto-off Zeit AUTO-OFF TIME	Versorgungsspannung SUPPLY VOLTAGE	Farbe Wippe COLOUR ROCKER	Farbe Leuchtblaeche COLOUR ILLUMINATED AREA	Leistung RAITING	Schaltercode SWITCH CODE SC	Art. ITEM	
fuer Form und Lage FOR SHAPE AND LOC.		Allgemeintoleranzen UNTOLERANCED DIMENSIONS			Pause COPY	Blatt SHEET 01		TYP	Zeichn./DRAWING NO.	Index	
fuer Winkel FOR ANGLE ± 2		PROJEKTION Abmasse und Angaben in mm ALL DIMENSIONS ARE IN MILLIMETRES			Original Din A3		Mossstab SCALE 2:1 30mm		K	15501942	e
c	83152	02.04.13	HHE		CAD: NX V6.0		GERAETESCHALTER		appliance switch		
b	80871	30.10.12	HHE		gez./DRAWN BY 07.06.11 HHE		MARQUARDT				
a	77148	15.05.12	HHE	e	89192	21.03.14	HHE	Ersatz fuer/REPLACEMENT OF V10110120			
	76706	14.02.12	HHE	d	86913	29.10.13	HHE				
Ausg. ISSUE	Aenderung REVISION	gez. DRAWN BY	gez. DRAWN BY	Ausg. ISSUE	Aenderung REVISION	gez. DRAWN BY					