

TIPPMATIC® Auto Power-Off Series

TIPPMATIC®

Exceeds the requirements of European Ecodesign Directive

Main applications	Coffee machines Small domestic appliances	
Characteristics	■ single pole on/off power switch ■ auto power-off function embedded ■ manual shut-off at any time ■ illuminated or non-illuminated ■ contact gap 3 mm ■ tracking resistance PTI 250 ■ glow wire test 850 °C & compliant to IEC 60335-1, 4 ed. ■ faston terminals 4.8 x 0.8 mm ■ snap-in mounting ■ compatible to rocker switch series 3680	
Rating	250 VAC, 12(4) A 125 VAC, 15 A 125 VAC, 12 A	T100/55 T100 T100
Dimensions (mm)	38 x ~32 x ~17	
Actuator	■ standard rocker 25.4 x 10.7 mm ■ customized actuators on request	
Approvals	ENEC, cULus	



Product line

TIPPMATIC® Timer

Ideal for small appliances & filter coffee machines

- auto power-off switch with integrated timer electronics
- complete range of shut-off times to meet any requirements



TIPPMATIC® iF

Ideal for small appliances & automatic coffee machines

- auto power-off switch with integrated interface
- shut-off signal to be provided externally from appliance's control unit



TIPPMATIC® Plus

Ideal for small appliances & automatic coffee machines

- auto power-off switch with integrated driver unit & interface
- shut-off signal to be provided externally from appliance's control unit



TIPPMATIC® iPlus

Ideal for small appliances, filter & automatic coffee machines

- auto power-off switch with microcontroller, driver unit & interface
- microcontroller supports customized features



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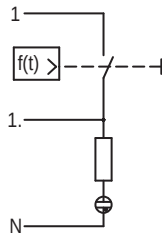
TIPPMATIC® Timer

Specifications

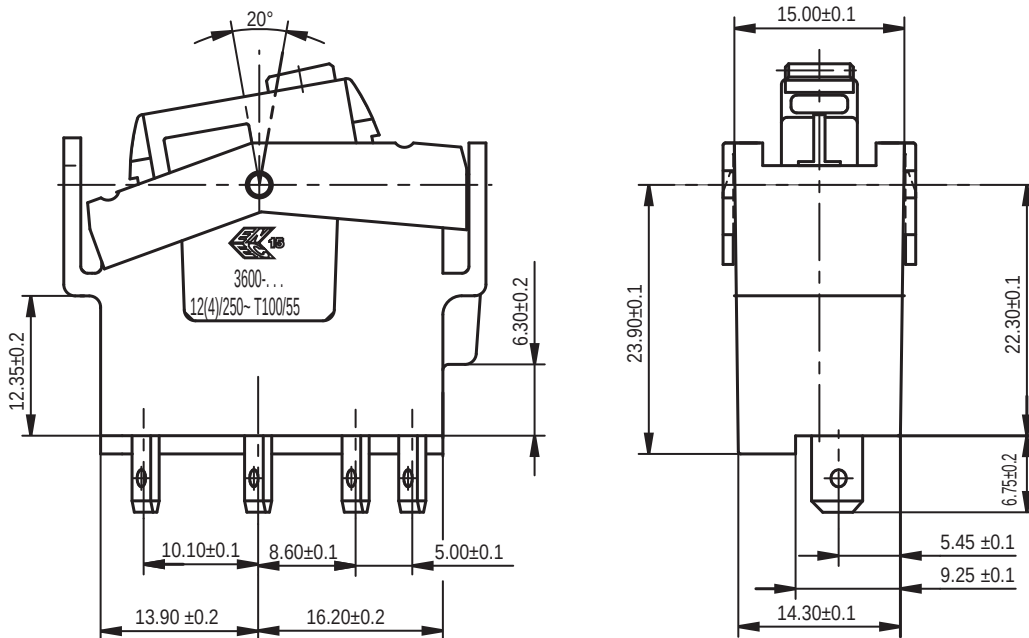
Switch type	Rocker switch with auto power-off function
Features	Single pole on/off
	Power switch with integrated solenoid & timer electronics
	27 shut-off times ranging from 30 secs. to 20 h
	Start-up time of electronics ~5 sec.
	0-voltage function – shut-off in case of mains power failure
	Bulb for illumination



Circuit diagram



Dimensions



Standard range switches

Ordering Reference	Illumination	Terminals 4.8	Time delay (50 Hz)	(60 Hz)	Approvals (ENEC)	(cUL)
3600-411.27 1552	yes	tab 4,8 mm	15 min.		250 VAC 12 (4) A	
3600-412.28 1552	yes	tab 4,8 mm	30 min.		250 VAC 12 (4) A	
3600-414.27 1552	yes	tab 4,8 mm	120 min.		250 VAC 12 (4) A	
3600-512.40 1542	yes	tab 4,8 mm		25 min.		125 VAC 15 A



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TIPPMATIC® Plus

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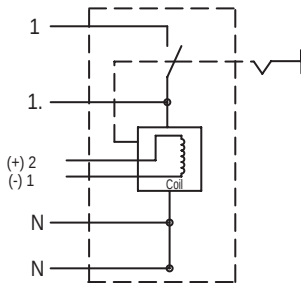
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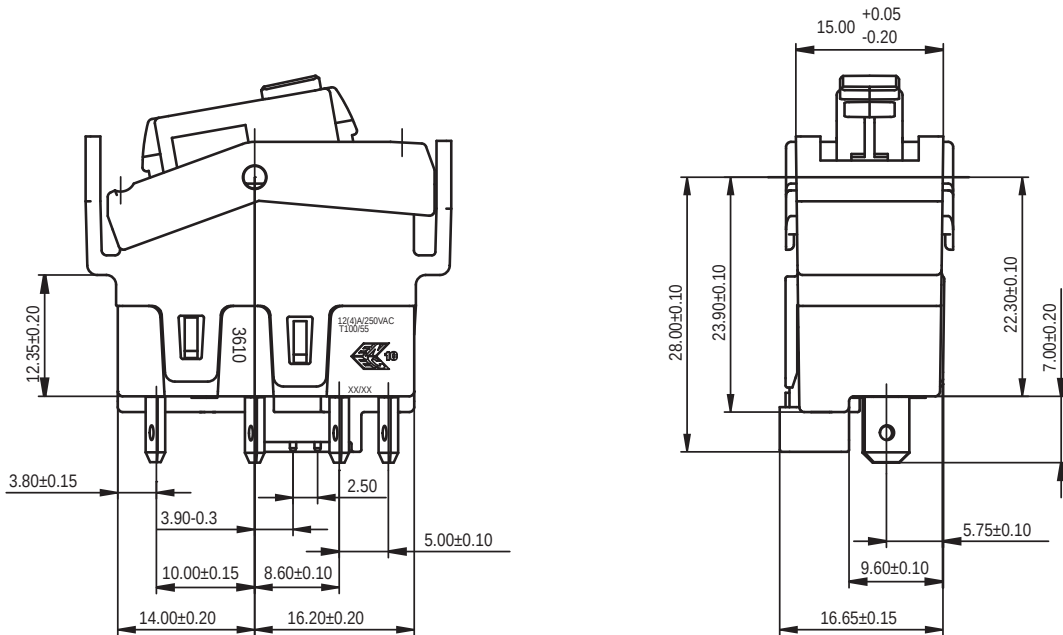
Switch type	Rocker switch with auto power-off function
Features	Single pole on/off Power switch with integrated solenoid Interface for connection to appliance's control unit Auto shut-off signal to be provided by external signal Signal 16-22 VDC, 3 msec. max. pulse time 0-voltage function – shut-off in case of mains power failure Bulb for illumination



Circuit diagram



Dimensions



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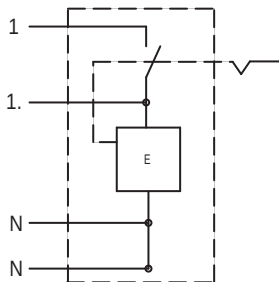
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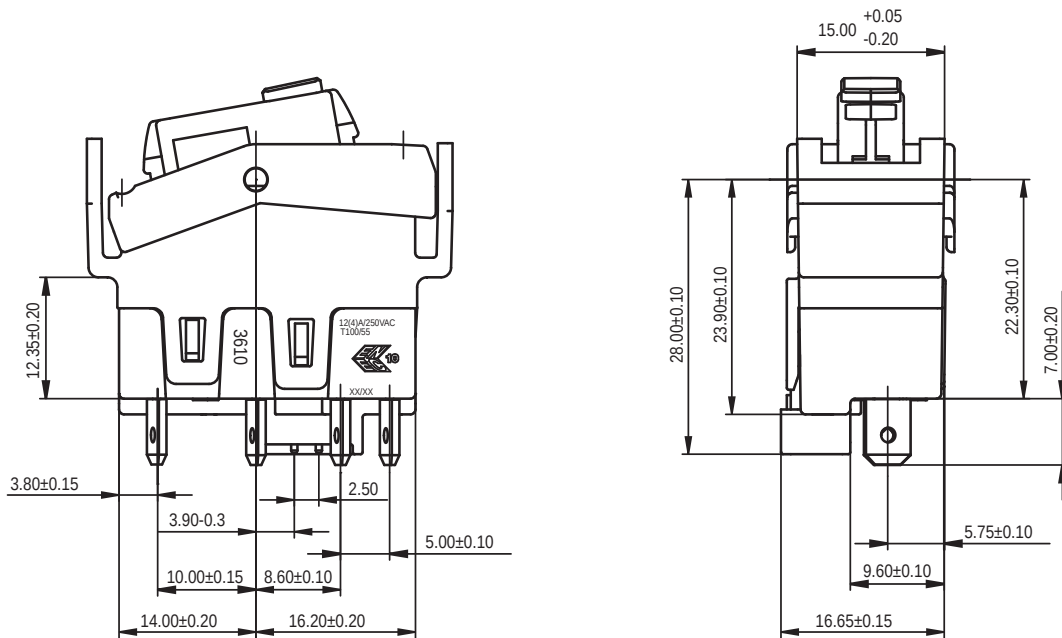
Switch type	Rocker switch with auto power-off function
Features	Single pole on/off Power switch with integrated solenoid & driver unit Interface for connection to appliance's control unit Signal overload protection system Auto shut-off signal to be provided by external signal Signal 5 VDC, 3 msec. max. pulse time Start-up time of electronics ~5 sec. 0-voltage function – shut-off in case of mains power failure Bulb for illumination



Circuit diagram



Dimensions



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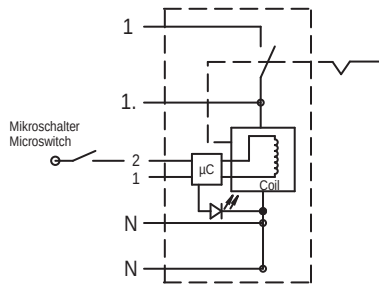
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Switch type	Rocker switch with auto power-off function
Features	Single pole on/off Power switch with solenoid, driver unit & microcontroller Interface for connection to appliance's control unit Auto shut-off signal to be provided by external signal Analog or digital shut-off signal, 5VDC max Internal microcontroller supports customized features, typical functions are reservoir level indication, temperature, lime-scale, brew unit position etc. Start-up time of electronics ~5sec. 0-voltage function – shut-off in case of mains power failure LED for illumination & signal indication



Circuit diagram



Dimensions

