

## Analog universal time switches

- Battery backup with quartz version
- Daily or weekly program
- Improved dust protection
- 1 channel
- 16 A/250 V AC switching capacity
- Surface, flush and DIN-rail mounting

### Applications

- Machinery control
- Heating systems control
- Devices, motors and pumps controls

	Voltage	EAN-Code 4010940	Ord.-No.	Icon	
	<b>tactic 111.1</b>				
	220-240 V/50 Hz	003975	01.80.0001.1		24 h
	<b>tactic 171.1</b>				
	220-240 V/50 Hz	003982	01.80.0002.1		7 x 24 h
<b>tactic 111.1, tactic 171.1</b>					
	<b>tactic 211.1</b>				
	230 V AC/130 V DC	004019	02.80.0001.1		24 h
	<b>tactic 271.1</b>				
	230 V AC/130 V DC	004026	02.80.0002.1		7 x 24 h
<b>tactic 211.1, tactic 271.1</b>					
Accessories see page 61					

# Technical Data

	tactic 111.1 tactic 171.1	tactic 211.1 tactic 271.1
Dimensions H x W x D (mm)	72 x 72 x 34,5	72 x 72 x 34,5
Cut out (mm)	68 x 68	68 x 68
Dimensions of front frame (mm)	72 x 72	72 x 72
Fitting depth (mm)	39,5	39,5
Weight (g) approx.	155	165
Nominal voltage	220-240 V AC/50 Hz	230 V AC/130 V DC
Power consumption	1 VA at 230 V AC	2 VA at 230 V AC
Current output – Relay	1 changeover contact, potential-free	1 changeover contact, potential-free
Switching current AC – Resistive load (VDE, IEC)	16 A/250 V AC	16 A/250 V AC
– Resistive load (UL)	21 A/250 V AC	21 A/250 V AC
– Inductive load cos. φ 0,6	8 A/250 V AC	8 A/250 V AC
– Incandescent lamp load	1300 W	1300 W
Minimum switching current AC	100 mA/20 V AC	100 mA/20 V AC
Minimum switching current DC	100 mA/20 V DC	100 mA/20 V DC
Battery backup	–	150 h
Battery charge time	–	70 h
Operation accuracy	synchronal to network	typ ± 1,5s/day at 20°C
Ambient temperature	–20°C ... +55°C	–20°C ... +55°C
Security level for fitting according to instructions	II	II
Shortest switching time – Daily program – Weekly program	15 min 2 h	15 min 2 h
Shortest switching interval – Daily program – Weekly program	15 min 2 h	15 min 2 h
Automatic override	yes	yes
Clock face	yes	yes
Sealing	possible	possible
According to	EN 60730-1 EN 60730-2-7	EN 60730-1 EN 60730-2-7
Type of connection	flat DIN 6.3 mm Fitted socket (Accessories)	flat DIN 6.3 mm Fitted socket (Accessories)

Dimensional drawings/  
circuit diagrams:

