Article number: 1880033

SUL 188 g Article number: 1880033

Description



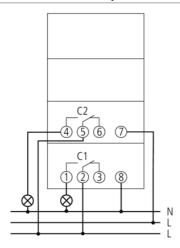
- Analogue time switch
- Daily program
- 2 channels
- Fine adjustment to set the time to the minute
- Shortest switching time: 30 minutes
- 10 tappets included in delivery
- With power reserve (NiMH rechargeable battery)
- Quartz controlled
- Tappets
- Screw terminals
- Switching status display
- Operating indication

Technical data

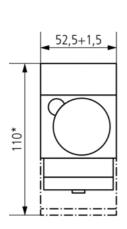
Number of channels 2 Width 3 modules Installation type DIN rail Type of connection Screw terminals Drive Quartz-controlled stepper motor Program Daily program Power reserve 3 days Switching capacity at 250 V AC, cos φ = 10 A 4 A Switching capacity at 250 V AC, cos φ = 0,6 4 A Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C ≤ ± 1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1		
Number of channels 2 Width 3 modules Installation type DIN rail Type of connection Screw terminals Drive Quartz-controlled stepper motor Program Daily program Power reserve 3 days Switching capacity at 250 V AC, cos φ = 10 A 4 A Switching capacity at 250 V AC, cos φ = 0,6 4 A Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C ≤±1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Operating voltage	230 V AC
Width 3 modules Installation type DIN rail Type of connection Screw terminals Drive Quartz-controlled stepper motor Program Daily program Power reserve 3 days Switching capacity at 250 V AC, cos φ = 10 A 10 A Switching capacity at 250 V AC, cos φ = 0,6 4 A Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C ≤ ± 1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Frequency	45 – 60 Hz
Installation type DIN rail Type of connection Screw terminals Drive Quartz-controlled stepper motor Program Daily program Power reserve 3 days Switching capacity at 250 V AC, cos φ = 10 A Switching capacity at 250 V AC, cos φ = 0.6 Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C ≤ ± 1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Number of channels	2
Type of connection Screw terminals Drive Quartz-controlled stepper motor Program Daily program Power reserve 3 days Switching capacity at 250 V AC, cos φ = 10 A Switching capacity at 250 V AC, cos φ = 4 A Switching capacity at 250 V AC, cos φ = 4 A Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C ≤±1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Width	3 modules
Drive Quartz-controlled stepper motor Program Daily program Power reserve 3 days Switching capacity at 250 V AC, cos φ = 10 A 10 A Switching capacity at 250 V AC, cos φ = 0,6 4 A Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C ≤ ± 1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Installation type	DIN rail
Program Daily program Power reserve 3 days Switching capacity at 250 V AC, cos φ = 10 A 10 A Switching capacity at 250 V AC, cos φ = 0,6 4 A Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C ≤ ± 1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Type of connection	Screw terminals
Power reserve 3 days Switching capacity at 250 V AC , $\cos \varphi = 10 \text{ A}$ Switching capacity at 250 V AC , $\cos \varphi = 0.6$ Shortest switching times 30 min Programmable every 15 min Time accuracy at $25 ^{\circ}\text{C}$ Type of contact $25 ^{\circ}\text{C}$ Switching output $25 ^{\circ}\text{C}$ Changeover contact $25 ^{\circ}\text{C}$ Switching output $25 ^{\circ}\text{C}$ Stand-by consumption $25 ^{\circ}\text{C}$ Test approval $25 ^{\circ}\text{C}$ Type of protection $25 ^{\circ}\text{C}$ Type of protection $25 ^{\circ}\text{C}$ Figure 10 A 10 A 10 A 4 A 5 D 10 A 15 D 16 D 17 D 18 D 18 D 18 D 19 D 19 D 10	Drive	Quartz-controlled stepper motor
Switching capacity at 250 V AC, $\cos \varphi = 10 \text{ A}$ Switching capacity at 250 V AC, $\cos \varphi = 0.6$ Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C $\le \pm 1 \text{ s/day (quartz)}$ Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Program	Daily program
Switching capacity at 250 V AC, $\cos \varphi = 0.6$ Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C $\le \pm 1 \text{ s/day (quartz)}$ Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Power reserve	3 days
0,6 4 A Shortest switching times 30 min Programmable every 15 min Time accuracy at 25 °C ≤ ± 1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	1.	10 A
Programmable every 15 min Time accuracy at 25 °C ≤±1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1		4 A
Time accuracy at 25 °C ≤ ± 1 s/day (quartz) Type of contact Changeover contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Shortest switching times	30 min
Type of contact Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Programmable every	15 min
Switching output Potential-free and phase-independent Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Time accuracy at 25 °C	≤±1 s/day (quartz)
Stand-by consumption 0,5 W Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Type of contact	Changeover contact
Test approval VDE Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Switching output	Potential-free and phase-independent
Housing and insulation material High-temperature resistant, self-extinguishing thermoplastic Type of protection IP 20 Protection class II according to EN 60 730-1	Stand-by consumption	0,5 W
Type of protection IP 20 Protection class II according to EN 60 730-1	Test approval	VDE
Protection class II according to EN 60 730-1	Housing and insulation material	High-temperature resistant, self-extinguishing thermoplastic
	Type of protection	IP 20
Ambient temperature -20 °C +55 °C	Protection class	II according to EN 60 730-1
	Ambient temperature	-20 °C +55 °C

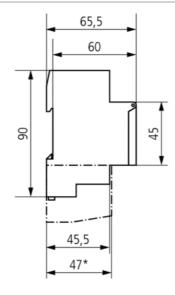
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Connection example



Scale drawings





Accessories

Front panel kit

■ Article number: 9070001 Details ► www.theben.de



Terminal cover 52,5 mm

■ Article number: 9070061 Details ► www.theben.de

