

Digital time switch modules EM and IM.

- Time switch module with
- 2 adjustable temperatures
- Indication of the required
- Further temperature range
- 1 channel
- 16 A/250 V AC switching
- Flush mounting

- 1-channel or 2-channel
- 20 or 32 memory locations
- Day and week program
- Every minute programmable
- Switching state display
- Switching preselection (override) and continuous switching ON/OFF possible
- Summer time/winter time switchover
- Flush mounting

EM/1 digi 20

1-channel
20 memory locations
Switching output: Relay or CMOS



EM/2 digi 32

2-channel
32 memory locations
Switching output: CMOS



IM/1 digi 20

2-channel
20 memory locations
Switching output: CMOS



IM/2 digi 32

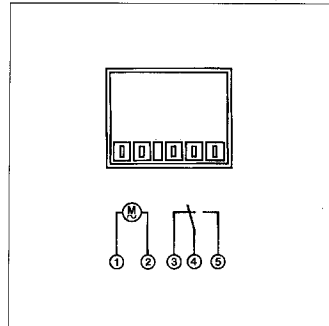
2-channel
32 memory locations
Switching output: CMOS



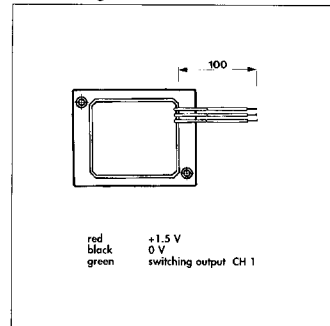
Technical data.

	EM/1 digi 20 Relay	EM/1 digi 20 CMOS	EM/2 digi 32 CMOS	IM/1 digi 20 CMOS	IM/2 digi 32 CMOS
Dimensions H x W x D (mm)	51 x 64 x 45	51 x 64 x 13,5		42 x 32,5 x 12	
Switch panel cutout	47 x 60	47 x 60			
Installation depth (mm)	35	11		12	
Weight g (approx.)	95	50		13	
Rated Voltage	240 VAC/50-60 Hz	typ. 1.5 VDC (1.2 – 1.7)		typ. 1.5 VDC (1.2 – 1.7)	
Power input	4.4 VA at 230 VAC	–		15µ A/1.5 VDC	
Power consumption without load	–	0.015 mA at 1,5 VDC		0.015 mA at 1.5 VDC	
Switching contacts					
– Relay	Changeover switch, potential-free	–		–	
– Transistor	–	CMOS		CMOS	
Switching capacity AC					
– resistive load (VDE, IEC)	10 A/250 VAC	–		–	
– resistive load (UL)	–	–		–	
– inductive load cos. φ 0.6	6 A/240 VAC	–		–	
– incandescent lamp load	1000 Watts	–		–	
Switching capacity DC	150 mA/202 VDC	0.1 mA		0.1 mA	
Minimum switching current AC	100 mA/20 VAC	–		–	
Minimum switching current DC	100 mA/20 VDC	–		–	
Running reserve	150 h	–		–	
Battery charging duration	140 h	–		–	
Running accuracy	typ ± 2.5 s/day at 20° C	typ ± 2.5 s/day at 20° C		typ ± 2.5 s/Tag bei 20° C	
Ambient temperature	+5° C to +55° C	–10° C to +55° C		–10° C to +55° C	
Minimum switching time	1 min	1 min		1 min	
Minimum switching clearance	1 min	1 min		1 min	
Number of channels	1	12		1	2
Number of memory locations	16	16	32	20	32
Switching preselection (override)	ja	yes		yes	
Manual/Automatic switchover	ja	yes		yes	
Switching state display	ja	yes		yes	
Summer time/winter time switchover	manual	manual		manual	
Day blocks					
Connection type	DIN flat connector 6.3 mm	3 litz wires		3 litz wires	4 litz wires

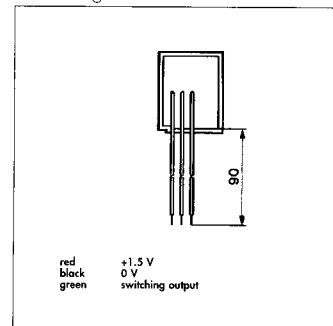
EM/1 digi 20 with relay output



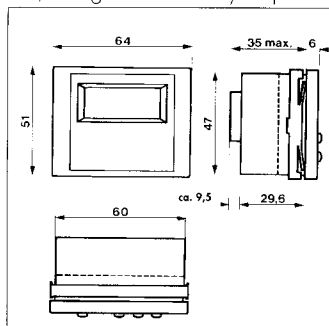
EM/1 digi 20 CMOS



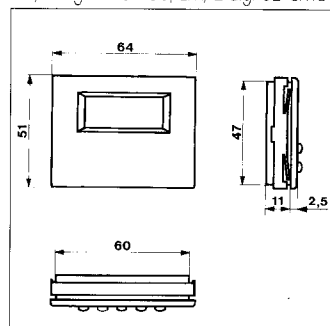
IM/1 digi 20 CMOS



EM/1 digi 20 with relay output



EM/1 digi 20 CMOS, EM/2 digi 32 CMOS



IM/1 digi 20 CMOS, IM/2 digi 32 CMOS

