

time modules

STM 100



data

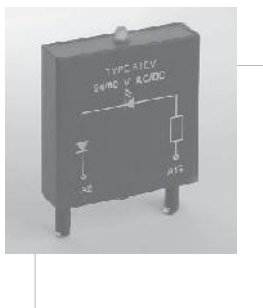
compatible to socket	ZKE088/118
function	programmable
time range	0,05s - 240h
rated voltage	24 - 240 VDC/VAC

general data

time range	8 ranges: 1s, 10s, 1m, 10m, 1h, 10h, 1d, 10d
time adjustment	variable, 5% - 100% of the time range
time function	8 functions, selectable by DIP switches
display	green LED for ON-status, blinking at time delay
dimensions	B x H x T = 35 x 46,7 x 10,3 mm (without clamp)
weight	app. 14 g
permissible ambient temperature	-25 to +55 °C
nominal voltage	24V to 240V AC (-15%...+10%) , 24V to 250V DC (-15%...+10%)
frequency	48 Hz to 63 Hz
max. power consumption	24V AC/DC: 70mW , 240V AC/DC: 700mW
min. impulse time (B1)	AC: 50ms, DC: 30 ms
min. pause time (B1)	AC&DC: 100ms at 25°C, AC&DC: 140ms at 55°C
pull-in delay	AC: max. 40ms, DC: 20ms
reset time delay	AC&DC: max. 100ms at 25°C, AC&DC: max. 140ms at 55°C
control voltage	24V: min. 80% of supply voltage 230V: min. 95% of supply voltage
time delay after power loss	max. 10ms
start-up time	60ms
re-readiness time	max. 100ms at 25°C, max. 150ms at 55°C
reset at \leq	UN 10V _{eff}
precision at the scale stops	$\pm 0,5\%$
repeatability	<0,5% or 5ms (in % from scale value)
accuracy in adjustment	$\leq 5\%$
temperature influence	$\leq 0,01\%$ / °C
voltage influence	$\leq 0,001\%$ / V
max. load current	100mA at 25°C

plug-in modules

E...



data

compatible to socket	ZKE088/118
free wheel diode	6 - 220 VDC E 21
RC-circuit	110 - 230 VAC E 51C
varistor	6 - 24 VAC E 71
varistor	6 - 230 VAC E 81
LED	24 - 60 VDC/ VAC E 61EV
LED	110 - 230 VDC/ VAC E 91V

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