







The successful

Multifunction time relays with up to 18 functions combined with universal control voltage 8 to 230V UC - a competitive advantage, particularly the digital settable time relays MFZ12DDX. Multifunction time relays always switch at zero passage, the DX devices only when connected to N.

Page		E1	E2	E3	E3	E3	E3	E4	E5	E6	E7	E8	E10
	pictograms	MFZ12DDX-UC	MFZ12DX-UC	RVZ12DX-UC	AVZ12DX-UC	TG112DX-UC	EAW12DX-UC	MFZ12NP-230V+UC	MFZ12-230V	AZ12-UC	MFZ12PMD-UC	MFZ61DX-UC	SZU12DX-UC
Modular device for mounting on DIN rail EN 60715 TH35, number of modules 18 mm each		1	1	1	1	1	1	1	1	1	1		1
Built-in device for installation (e.g. flush-mounting box)												■	
Digital settable		■									■		■
Analogue settable			■	■	■	■	■		■	■		■	
Number of NO contacts (not potential free)								(1)	1	1+1	(1)	1	1+1
Number of CO contacts potential free		1	1	1	1	1	1						
Zero passage switching		■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■			■	■ ³⁾	■ ³⁾
Switching capacity 16A/250V AC								■					■
Switching capacity 10A/250V AC		■	■	■	■	■	■		■	■		■	
Incandescent lamp load W		2000	2000	2000	2000	2000	2000	2300	1000	1000	400 ¹⁾	2000	2000
Bistable relay as relay contact		■ ²⁾	■ ²⁾	■ ²⁾	■ ²⁾	■ ²⁾	■ ²⁾		■ ²⁾	■ ²⁾		■ ²⁾	■ ²⁾
Universal control voltage		■	■	■	■	■	■	■		■	■	■	■
Low standby loss		■	■	■	■	■	■	■	■	■	■	■	■
Multifunction time relay		■	■					■	■		■	■	
Off delay RV		■	■	■				■	■		■	■	
Operate delay AV		■	■		■			■	■		■	■	
Additive operate delay AV+		■	■								■		
2-stage ON-delay										■			
Fleeting NO contact EW EW		■	■					■	■	■	■	■	
Fleeting NC contact AW		■	■					■	■	■	■	■	
Fleeting NO contact and fleeting NC contact EAW		■	■					■			■		
Operate and release delay ARV		■	■					■	■		■		
Additive operate and release delay ARV+		■	■								■		
Relay function ER		■	■								■		
Release-delay impulse switch SRV		■	■								■		
Impulse switch functions ES and ESV		■	■								■		
Clock generator starting with impulse TI		■	■			■		■	■		■	■	
Clock generator starting with pause TP		■	■					■	■		■		
Impulse controlled operate delay IA (e.g. automatic door opener)		■	■					■	■		■	■	
Pulse shaper IF		■	■								■		

¹⁾ Up to 3400W with capacity enhancers LUD12-230V.

²⁾ The switched consumer may not be connected to the mains before the short automatic synchronisation after installation has terminated.

³⁾ Duplex technology: When switched with 230V/50Hz zero passage switching is activated if L is connected to (L) and N to (N). Then additional standby loss of only 0.1 Watt.