





THE SUCCESSFUL

Multifunction time relays with up to 18 functions combined with universal control voltage 8 to 230 V 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	13-3	13-4	13-5	13-5	13-5	13-5	13-6	13-7	13-8	13-9	13-10	13-10	13-12	
	pictograms	MFZ12DDX-UC	MFZ12DX-UC	RVZ12DX-UC	AVZ12DX-UC	TG112DX-UC	EAW12DX-UC	MFZ12NP-230V+UC	MFZ12-230V	AZZ12-UC	MFZ12PMD-UC	MFZ61DX-UC	PTN12-230V	S2U12DDX-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	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						(1)	
Zero passage switching		■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■ ³⁾	■			■	■ ³⁾	■ ³⁾	
Switching capacity 16 A/250 V AC							■					■	■	
Switching capacity 10 A/250 V AC		■	■	■	■	■	■	■	■	■	■	■	■	
Incandescent lamp load W		2000	2000	2000	2000	2000	2000	2300	1000	1000	400 ¹⁾	2000	2300	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		■	■				■	■	■		■	■		
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 3400 W 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 230 V/50 Hz zero passage switching is activated if L is connected to (L) and N to (N). Then additional standby loss of only 0.1 watt.