

Electronic Products

Time Relays Series

Klemsan new Z1x series time relays offer optimum solutions in various industrial applications with different function options and with 12-240 V AC/DC (universal input) wide supply range.

It is suitable for use in narrow panels with its new body design under the DIN norm.

In addition to single-function devices, there are up to 10 function options that can be controlled via trigger input, based on the model. Time settings can be made easily with the trimpots on the device between 0.1 sec to 10 days.

Special functional relays such as star-delta, left-right, etc are also available in the product portfolio.

- 12-240 V AC/DC universal supply range
- 18 mm enclosure design under DIN Norm and design under IEC 61812-1 standard
- Support for up to 10 functions based on model
- 0.1sec – 10 days wide time range
- Power-off delay function adjustable for up to 2 hours
- Relay output (10A)
- High mechanical endurance
- Function control via trigger input
- LED notifications



TIME RELAYS SERIES																											
Product Name	Order No	Definition	Trigger Input	On Delay (ND)	Off Delay (FD)	Power Off Delay (PFD)	Off Flasher (FDF)	On Flasher (NDF)	On - Off Delay (NFD)	On Delay with Trigger (yND)	Off Delay with Trigger (yFD)	On and Off Delay with Trigger (yNF)	Pulse Delayed with Control Signal (yN)	Pulse Output with Control Signal (yP)	Additive on Delay (yNA)	On Delay with Maintained Control Signal (yMM)	Off Delay with Maintained Control Signal (yMF)	Interval with Control Signal On (yRI)	Interval with Control Signal Off (yFI)	Star Delta (SD)	Left - Right (LR)	Relay Qty	Time Adjustment	12..240 V AC/DC	24..240 V AC/DC	150..500 V AC	24V AC/DC & 180-265V AC
Z1A-ND30s	261025	Timer Relay		✓																		1C/O	1 sec .. 30 sec				
Z1A-ND100s	261023	Timer Relay		✓																		1C/O	1 sec .. 100 sec				
Z1T-ND100s	261010	Timer Relay (Sensitive)		✓																		1C/O	1 sec .. 100 sec	✓			
Z1T-NDX	261012	Timer Relay (Sensitive)		✓																		1C/O	0 sec .. 5109 sec	✓			
Z1T-PFD120m-24	261011	Power Off Delay				✓																1C/O	1sec .. 120min		✓		
Z1T-PFD120s-24	261030	Power Off Delay				✓																1C/O	1sec .. 120sec		✓		
Z1T-FDF	261013	Timer Relay					✓															1C/O	0.1 sec .. 10 day	✓			
Z1T-NDF	261014	Timer Relay						✓														1C/O	0.1 sec .. 10 day	✓			
Z1T-ND100s.2	261026	Timer Relay		✓																		2C/O	1 sec .. 100 sec	✓			
Z1T-M2	261015	Multi-Func Time Relay		✓	✓																	1C/O	0.1 sec .. 99.9 saat	✓			
Z1K-M2A	261016	Multi-Func Time Relay	✓						✓	✓												1C/O	0.1 sec .. 99.9 saat	✓			
Z1T-M4	261017	Multi-Func Time Relay		✓	✓		✓	✓														1C/O	1 sec .. 10 day	✓			
Z1T-M5	261018	Multi-Func Time Relay		✓	✓		✓	✓	✓													1C/O	1 sec .. 10 day	✓			
Z1K-M10	261019	Multi-Func Time Relay	✓	✓	✓		✓					✓		✓	✓	✓	✓	✓	✓			1C/O	0.1 sec .. 10 day	✓			
Z1K-M10A	261024	Multi-Func Time Relay	✓	✓	✓		✓					✓	✓	✓		✓	✓	✓	✓			1C/O	0.1 sec .. 10 day	✓			
Z1T-LR.2	261020	Left-Right Timer																			✓	2C/O	0.1 sec .. 10 day	✓			
Z1T-SD	261021	Star-Delta Timer Relay																		✓		2C/O	0.1 sec .. 30 sec, 20 .. 500msec	✓			
Z1T-SD-500	261022	Star-Delta Timer Relay																		✓		2C/O	0.1 sec .. 30 sec, 20 .. 500msec			✓	

NOTE: See product manuals for function descrip-