VTEKE®

SAMPLE EDITION

Control Relays — Sample edition

Category catalog · 2026 — built from the product data VTEKE maintain for the website, to show how the catalog downloads. The official catalog will replace it.

12	1	2026
Products	Category	Edition



Category catalog · 2026

Control Relays

12 products · Time Relays · Level Liquid Relays

Time Relays



REPRESENTATIVE IMAGE

DTR-03M

DTR-03M – ON/OFF Delay Timer, 3 Min

The VTEKE DTR-03M Series is an electronic timer relay designed for time-delay control in automation, industrial control and machinery applications. It is available in ON-delay (DTR-03M) and OFF-delay (DTR-03MD) versions, with an adjustable timing range up to 3 min.

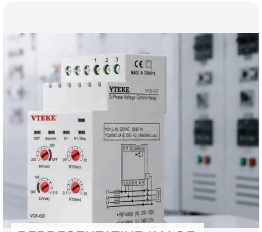
KEY FEATURES

- ON-delay and OFF-delay versions
- Adjustable timing up to 3 min
- Reliable time-dependent switching for control circuits
- Compact design for electrical and automation panels
- Clear operating status indication

SPECIFICATIONS

TIMING & CONTROL CHARACTERISTICS	
Timing Range	Up to 3 min
Time Adjustment	Adjustable
Available Functions	ON Delay / OFF Delay
Switching Time	10 ms
ELECTRICAL CHARACTERISTICS	
Operating Voltage	A1-A2: 24 V AC/DC
Operating Voltage	A1-A3: 220 V AC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
OUTPUT CHARACTERISTICS	
Contact Configuration	1NO + 1NC (SPDT)
Contact Rating — 28 V DC	10 A
Contact Rating — 250 V AC	7 A
Contact Rating — 125 V AC	10 A
Contact Rating — 120 V AC	12 A
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail

Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
DIMENSIONS	
Width	19.10 mm



REPRESENTATIVE IMAGE

DTR-30

DTR-30 – ON/OFF Delay Timer, 30 Seconds

The VTEKE DTR-30 Series is an electronic timer relay designed for time-delay control in automation, industrial control and machinery applications. It is available in ON-delay (DTR-30) and OFF-delay (DTR-30D) versions, with an adjustable timing range up to 30 s.

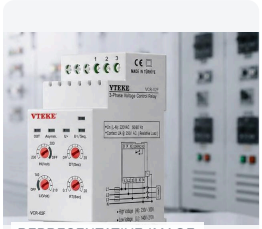
KEY FEATURES

- ON-delay and OFF-delay versions
- Adjustable timing up to 30 s
- Reliable time-dependent switching for control circuits
- Compact design for electrical and automation panels
- Clear operating status indication

SPECIFICATIONS

TIMING & CONTROL CHARACTERISTICS	
Timing Range	Up to 30 s
Time Adjustment	Adjustable
Available Functions	ON Delay / OFF Delay
Switching Time	10 ms
ELECTRICAL CHARACTERISTICS	
Operating Voltage	A1-A2: 24 V AC/DC
Operating Voltage	A1-A3: 220 V AC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
OUTPUT CHARACTERISTICS	
Contact Configuration	1NO + 1NC (SPDT)
Contact Rating — 28 V DC	10 A
Contact Rating — 250 V AC	7 A
Contact Rating — 125 V AC	10 A
Contact Rating — 120 V AC	12 A
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail
Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C

Working Altitude	<2000 m
DIMENSIONS	
Width	19.10 mm



REPRESENTATIVE IMAGE

DTR-60

DTR-60 – ON/OFF Delay Timer, 60 Seconds

The VTEKE DTR-60 Series is an electronic timer relay designed for time-delay control in automation, industrial control and machinery applications. It is available in ON-delay (DTR-60) and OFF-delay (DTR-60D) versions, with an adjustable timing range up to 60 s.

KEY FEATURES

- ON-delay and OFF-delay versions
- Adjustable timing up to 60 s
- Reliable time-dependent switching for control circuits
- Compact design for electrical and automation panels
- Clear operating status indication

SPECIFICATIONS

TIMING & CONTROL CHARACTERISTICS	
Timing Range	Up to 60 s
Time Adjustment	Adjustable
Available Functions	ON Delay / OFF Delay
Switching Time	10 ms
ELECTRICAL CHARACTERISTICS	
Operating Voltage	A1-A2: 24 V AC/DC
Operating Voltage	A1-A3: 220 V AC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
OUTPUT CHARACTERISTICS	
Contact Configuration	1NO + 1NC (SPDT)
Contact Rating — 28 V DC	10 A
Contact Rating — 250 V AC	7 A
Contact Rating — 125 V AC	10 A
Contact Rating — 120 V AC	12 A
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail
Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
DIMENSIONS	
Width	19.10 mm



REPRESENTATIVE IMAGE

DTR-SD

DTR-SD Star-Delta Time Relay

The VTEKE DTR-SD is a Star-Delta Timer Relay designed for automatic star-delta starting of three-phase motors. It controls the transition from star to delta operation using an adjustable star operating time and a defined transition delay between the star and delta stages.

KEY FEATURES

- Designed for automatic star-delta motor starting
- Adjustable star operating time from 1 to 30 seconds
- Adjustable transition time from 100 to 500 ms
- DIN rail mounting
- Plug-in connection

SPECIFICATIONS

TIMING CHARACTERISTICS	
Star Time (λON)	1–30 s
Transition Time (tOFF)	100–500 ms
Switching Time	10 ms
ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	24–250 V AC/DC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
Contact Configuration	2 × (1NO)
OUTPUT CHARACTERISTICS	
Contact Rating	5 A / 30 V DC
Contact Rating	10 A / 250 V AC
Contact Rating	12.5 A / 125 V AC
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail
Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m



REPRESENTATIVE IMAGE

FTR-07

FTR-07 Right-Left Time Relay

The VTEKE FTR-07 is a time relay designed for automatic alternating right-left operation. It enables precise control of two independent loads by using the same adjustable working time for both outputs, together with an adjustable delay time between their operation.

KEY FEATURES

- Automatic right-left sequential operation

SPECIFICATIONS

TIMING CHARACTERISTICS	

- Same adjustable working time for both outputs
- Adjustable delay time between output operations
- DIN rail mounting
- Plug-in connection

Working Time (tON)	Up to 100 h
Delay Time (tOFF)	Up to 100 h
Switching Time	10 ms
TIME RANGES	
A	10 s
B	100 s
C	10 min
D	100 min
E	10 h
F	100 h
ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	24–250 V AC/DC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
Contact Configuration	2 × NO
OUTPUT CHARACTERISTICS	
Contact Rating	5 A / 30 V DC
Contact Rating	10 A / 250 V AC
Contact Rating	12.5 A / 125 V AC
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail
Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m



REPRESENTATIVE IMAGE

FTR-08

FTR-08 Multi-Range ON/OFF Delay Time Relay

The VTEKE FTR-08 is a multi-range timer relay designed for time-controlled switching applications. It is available with ON-delay and OFF-delay functions, providing adjustable timing control for different industrial and automation applications.

KEY FEATURES

- ON-delay and OFF-delay timing functions
- Multiple selectable time ranges
- Timing range up to 100 hours

SPECIFICATIONS

TIMING CHARACTERISTICS	
Timing Functions	ON-Delay / OFF-Delay
Delay Time	Up to 100 h

- DIN rail mounting
- Plug-in connection

Switching Time	10 ms
TIME RANGES	
A	10 s
B	100 s
C	10 min
D	100 min
E	10 h
F	100 h
ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	24 V AC/DC / 230 V AC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
Contact Configuration	1NO + 1NC (SPDT)
OUTPUT CHARACTERISTICS	
Contact Rating	10 A / 28 V DC
Contact Rating	7 A / 250 V AC
Contact Rating	10 A / 125 V AC
Contact Rating	12 A / 120 V AC
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail
Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m



REPRESENTATIVE IMAGE

FTR-08M

FTR-08M Multi-Range Delay Time Relay

The VTEKE FTR-08M is a multi-range ON-delay timer relay designed for precise and flexible timing control in industrial and automation applications. With multiple selectable time ranges, it provides reliable control for applications requiring adjustable delayed switching.

KEY FEATURES

- Wide operating voltage range
- ON-delay timing function
- Multiple selectable time ranges
- Timing range up to 100 hours

SPECIFICATIONS

TIMING CHARACTERISTICS	
Timing Function	ON-Delay
Delay Time	Up to 100 h
Switching Time	10 ms

- DIN rail mounting
- Plug-in connection

TIME RANGES	
A	10 s
B	100 s
C	10 min
D	100 min
E	10 h
F	100 h
ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	24–250 V AC/DC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
Contact Configuration	1NO + 1NC (SPDT)
OUTPUT CHARACTERISTICS	
Contact Rating	10 A / 28 V DC
Contact Rating	7 A / 250 V AC
Contact Rating	10 A / 125 V AC
Contact Rating	12 A / 120 V AC
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail
Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m


REPRESENTATIVE IMAGE

FTR-08MS

FTR-08MS MultiRange Time Relay with Adjustable Function

The VTEKE FTR-08MS is a multi-range timer relay designed for precise and flexible timing control in industrial and automation applications. The timing function can be selected by the user between ON-delay and OFF-delay, providing flexible control for different timing requirements.

KEY FEATURES

- User-selectable ON-delay / OFF-delay function
- Wide operating voltage range
- Multiple selectable time ranges
- Timing range up to 100 hours
- DIN rail mounting

SPECIFICATIONS

TIMING CHARACTERISTICS	
Timing Function	Selectable ON-Delay / OFF-Delay
Function Selection	User-selectable
Delay Time	Up to 100 h
Switching Time	10 ms

- Plug-in connection

TIME RANGES	
A	10 s
B	100 s
C	10 min
D	100 min
E	10 h
F	100 h
ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	24–250 V AC/DC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
Contact Configuration	1NO + 1NC (SPDT)
OUTPUT CHARACTERISTICS	
Contact Rating	10 A / 28 V DC
Contact Rating	7 A / 250 V AC
Contact Rating	10 A / 125 V AC
Contact Rating	12 A / 120 V AC
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail
Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m



REPRESENTATIVE IMAGE

FTR-10

FTR-10 Multifunction Time Relay

The VTEKE FTR-10 is a multifunction timer relay designed for flexible timing control in industrial and automation applications. With 10 selectable timing functions and multiple adjustable time ranges, it provides a versatile solution for different timing and control requirements.

KEY FEATURES

- 10 selectable timing functions
- Multiple selectable time ranges
- Wide operating voltage range
- Control input for supported timing functions
- DIN rail mounting

SPECIFICATIONS

TIMING CHARACTERISTICS	
Number of Timing Functions	10
Delay Time	0.1 s – 100 h
Switching Time	10 ms
SELECTABLE TIME RANGES	

- Plug-in connection

1	0.1–1 s
2	0.5–5 s
3	1–10 s
4	3–30 s
5	6–60 s
6	1–10 min
7	3–30 min
8	6–60 min
9	1–10 h
10	10–100 h
ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	24–250 V AC/DC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
Contact Configuration	1NO + 1NC (SPDT)
OUTPUT CHARACTERISTICS	
Contact Rating	10 A / 28 V DC
Contact Rating	7 A / 250 V AC
Contact Rating	10 A / 125 V AC
Contact Rating	12 A / 120 V AC
MECHANICAL CHARACTERISTICS	
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Mounting	DIN Rail
Weight	<120 g
Protection Degree	IP20
ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature	-20°C to +55°C
Working Altitude	<2000 m
SELECTABLE TIMING FUNCTIONS	
A	ON Delay
B	OFF Delay
C	Control ON Delay
D	Control OFF Delay
E	Single Shot Leading Edge – Control Input
F	Single Shot Trailing Edge – Control Input
G	ON Delay and OFF Delay with Control
H	Pulse Output with Control

I	Flasher
K	Flasher with Control

Level Liquid Relays



REPRESENTATIVE IMAGE

LLR–05

LLR-05 Liquid Level Control Relay

The VTEKE LLR-05 is a liquid level control relay designed for automatic filling and draining of liquid storage tanks. Three sensing electrodes monitor liquid levels and control pump operation. Adjustable sensitivity supports liquids with different conductivities.

KEY FEATURES

- Automatic filling and draining control
- Three-electrode liquid level detection
- Adjustable sensitivity for different liquid conductivities
- Automatic pump control at minimum and maximum levels
- LED operating-status indicators
- Relay output for pump control
- DIN rail mounting

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	85–250 V AC/DC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
CONTROL CHARACTERISTICS	
Level Detection	Conductive electrodes
Sensitivity	5–100 kΩ
Sensitivity Adjustment	Adjustable
Switching Time	10 ms
Control Function	Automatic filling and draining
Electrode Configuration	B (bottom), L (lower), U (upper)
OUTPUT CHARACTERISTICS	
Contact Configuration	1NO + 1NC (SPDT)
Contact Rating (Resistive Load)	10 A at 28 V DC; 7 A at 250 V AC; 10 A at 125 V AC; 12 A at 120 V AC
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
MECHANICAL CHARACTERISTICS	
Mounting	DIN rail
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Dimensions (H × W × D)	90.5 × 35.2 × 64.5 mm



REPRESENTATIVE IMAGE

LLR-05U

LLR-05U Liquid Level Control Relay with Adjustable Delay

The VTEKE LLR-05U controls automatic filling and draining of liquid tanks using three sensing electrodes. It features adjustable sensitivity and a relay activation delay of 1 second to 30 minutes, with LED indication of electrode and relay status.

KEY FEATURES

- Automatic filling and draining control
- Three-electrode liquid level detection
- Adjustable sensitivity
- Adjustable relay activation delay: 1 s–30 min
- Pump control at minimum and maximum levels
- LED indication for relay, electrodes and delay
- Relay output for pump control
- DIN rail mounting

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	85–250 V AC/DC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
CONTROL CHARACTERISTICS	
Level Detection	Conductive electrodes
Sensitivity	5–100 kΩ
Sensitivity Adjustment	Adjustable
Switching Time	10 ms
Control Function	Automatic filling and draining
Electrode Configuration	B (bottom), L (lower), U (upper)
Delay Time (DT)	1 second–30 minutes, adjustable
OUTPUT CHARACTERISTICS	
Contact Configuration	1NO + 1NC (SPDT)
Contact Rating (Resistive Load)	10 A at 28 V DC; 7 A at 250 V AC; 10 A at 125 V AC; 12 A at 120 V AC
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
MECHANICAL CHARACTERISTICS	
Mounting	DIN rail
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Dimensions (H × W × D)	90.5 × 35.2 × 64.5 mm



REPRESENTATIVE IMAGE

LLR-06

LLR-06 Multifunction Liquid Level Control Relay

The VTEKE LLR-06 is a multifunction liquid level control relay for automatic filling and draining. Five operating modes support single-tank control with two or three sensors and simultaneous filling/draining control involving two tanks with six sensors. Adjustable sensitivity and delay provide flexible pump control.

KEY FEATURES

- Automatic filling and draining control
- Simultaneous two-tank filling and draining with 6 sensors
- Single-tank control with 2 or 3 sensors
- Five operating modes
- Adjustable sensitivity for liquid conductivity
- Adjustable delay: 1 s–30 min
- LED operating-status indication
- SPDT relay output
- DIN rail mounting

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS	
Operating Voltage (Un)	85–250 V AC/DC
Operating Frequency	50/60 Hz
Operating Power	<4 VA
CONTROL CHARACTERISTICS	
Level Detection	Conductive electrodes
Sensitivity	5–100 kΩ
Sensitivity Adjustment	Adjustable
Switching Time	10 ms
Control Function	Filling and draining
Number of Operating Modes	5
Sensor Configurations	2, 3 or 6 sensors (mode-dependent)
Delay Time (DT)	1 second–30 minutes, adjustable
OUTPUT CHARACTERISTICS	
Contact Configuration	1NO + 1NC (SPDT)
Contact Rating (Resistive Load)	10 A at 28 V DC; 7 A at 250 V AC; 10 A at 125 V AC; 12 A at 120 V AC
OPERATING CONDITIONS	
Operating Temperature	-20°C to +55°C
MECHANICAL CHARACTERISTICS	
Mounting	DIN rail
Connection Type	Plug-in
Maximum Wire Size	1.5 mm²
Dimensions (H × W × D)	90.5 × 35.2 × 64.5 mm