



Energy Conservation Solutions  
'our promise, you'll save'

# Vemer Timers

Uncompromising Performance



Call 1300 306 136

[www.ecs.net.au](http://www.ecs.net.au)

# Vemer Timers

## Uncompromising Performance

Vemer was founded, more than 30 years ago. Since that time Vemer is a leading company on the electrical market as a manufacturer and distributor of solutions and instruments suitable for civil and industrial fields.

### AN ITALIAN COMPANY, PRODUCING IN ITALY

Vemer's headquarters and all the company functions like Manufacturing, Design, Manufacturing and Sales are based in Feltre, in the province of Belluno. Vemer believes that his "made in Italy" line is a sort of distinctive sign of quality and reliability.

### Vision

The Company is made by a group of people which are meeting, thinking, designing, producing and looking ahead on the same direction. Vemer believes that cooperation among the people has to be considered as an important Value. In this perspective Vemer constantly invests in Research and Development with the purpose to offer to the customers always more innovative, functional and reliable over time products.

## Content

Digital time switches

page 3-4

Staircase light switches

page 7

Analogue time switches

page 5

Hour run meters

page 9

Astronomical twilight switches

page 6

Control relays

page 10-11





Twilight switches

page 8

# Digital time Switches

Digital time switches with removable backup battery and with NFC capabilities\*\* for the transfer of programs from one device to another.



	Micro D VE758100	Micro W VE758200	Simply D VE512000	Simply W VE513800	Memo DW E* VP871800	Memo DW VE339800	Memo Y VE340600	Memo DW2 VE341400	Memo Y2 VE342200
<b>DIN modules dimensions</b>	1	1	2	2	2	2	2	2	2
<b>Power supply 230 V AC</b>	■	■	■	■	■	■	■	■	■
<b>*Power supply 12/24 V AC/DC</b>	-	-	-	-	■	-	-	-	-
<b>Replaceable battery</b>	■	■	■	■	■	■	■	■	■
<b>Battery life</b>	4 years	4 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years
<b>Programming</b>									
<b>Daily</b>	■	■	■	■	■	■	■	■	■
<b>Weekly</b>	-	■	-	■	■	■	■	■	■
<b>Monthly</b>	-	-	-	-	-	-	■	-	■
<b>Yearly</b>	-	-	-	-	-	-	■	-	■
<b>Minimum intervention time</b>									
<b>ON/OFF</b>	30 min	30 min	30 min	30 min	1 min	1 min	1 min	1 min	1 min
<b>PULSE</b>	-	-	-	-	1 sec	1 sec	1 sec	1 sec	1 sec
<b>Relay</b>	1	1	1	1	1	1	1	2	2
<b>Summer/winter time automatic update</b>	■	■	■	■	■	■	■	■	■
<b>Programming with remote device</b>	-	-	-	-	-	■	■	■	■
<b>**Communication Mode/Programming</b>	-	-	-	-	-				

\* MEMO DWE 12V VE462800

\* MEMO DWE 24V VE463600

## Bluetooth Time Switches

Programmable digital time switches via bluetooth with APP dedicated to ios and android systems

## Configurable Astronomical/ Time Switches





Digital configurable astronomical/time switches with bus for GPS module and auxiliary relay modules and bus KNX.



**Memo BT1**  
VE767600



**Memo BT2**  
VE767700

<b>DIN modules dimensions</b>	2	2
<b>Power supply 230V AC</b>	■	■
<b>Replaceable battery</b>	■	■
<b>Battery life</b>	5 years	5 years
<b>Programming, Daily, Weekly, Astronomical</b>	■	■
<b>Minimum intervention time</b>		
<b>ON/OFF</b>	1 min	1 min
<b>PULSE</b>	1 sec	1 sec
<b>Relay</b>	1	2
<b>Summer/winter time automatic update</b>	■	■
<b>Communication/ Programming</b>	Bluetooth	Bluetooth
<b>Communication mode/ Programming</b>	Via APP for systems  	Via APP for systems  



**Memo BUS**  
VE747400



**Memo KNX**  
VE747300

<b>DIN modules dimensions</b>	3	3
<b>Power supply 115/230 V AC</b>	1	1
<b>Replaceable battery</b>	-	-
<b>Battery life</b>	5 years	5 years
<b>Programming Daily, Weekly, Monthly, Yearly, Astronomical</b>	■	■
<b>Minimum intervention time</b>		
<b>- ON/OFF</b>	1 min	1 min
<b>- PULSE</b>	1 sec	1 sec
<b>Relay</b>	1 (expandable up to 9)*	1 (expandable up to 9)*
<b>Summer/winter time automatic update</b>	■	■
<b>Bus communication/ Programming</b>	■	■

### Accessories for memo BUS and memo KNX



**VE747200 GEO-1**  
GPS module for receiving of time and position from satellite



**VN943700 RX4-8A**  
Remote actuator with 4 channels

\* The expansion occurs via 1 or 2 RX4-8A actuators  
The use of GEO-1 module allows a complete accuracy of the time

# Electromechanical Time Switches

Electromechanical time switches with trippers for wall, panel, DIN-rail installations and in dimensions ranging from 1 to 5 modules.\*\*



Dimension	Elo-D VP877500	Elo-W VP878300	Duet-D VP879100	Duet-W VE125100	Arvo-D VP882500	Arvo-W VP883300	Bio-D VE087300	Bio-W VE088100	Napa-D VP884100	Napa-W VP885800
- DIN modules	1	1	2	2	2.5	2.5	2	2	-	-
- Millimeters	-	-	-	-	-	-	-	-	72x72	72x72
Type of mounting	DIN-rail	DIN-rail	DIN-rail	DIN-rail	DIN-rail	DIN-rail	DIN-rail	DIN-rail	Panel Wall DIN-rail*	Panel Wall DIN-rail*
Power supply 230 V AC	■	■	■	■	■	■	■	■	■	■
Charge reserve	150h	150h	150h	150h	150h	150h	100h	100h	**100h	100h
Replaceable battery	■	■	■	■	■	■	-	-	-	-
Programming										
- Daily	■	-	■	-	■	-	■	-	■	-
- Weekly	-	■	-	■	-	■	-	■	-	■
Minimum intervention time	15min	2h	30min	3h30	15min	2h	15min	2h	15min	2h
N. Trippers	96	84	48	48	96	84	96	84	96	84
Relay	1	1	1	1	1	1	1	1	1	1

\* Available also the following models:  
VP886600 NAPA-RD only panel-mounting  
VP887400 NAPA-RW only panel-mounting  
VE049300 NAPA-ED without charge reserve

\*\*Available model with 5 modules:  
VP881700 AIKO  
Refer to [www.ecs.net.au](http://www.ecs.net.au)



# Astronomical Twilight Switches

Astronomical twilight switches for lights activation from sunset to sunrise with night switchings off and daytime activation through external probe\*



**Micro AST**  
VE762300



**Simply AST**  
VE707600





**Memo AST1**  
VE344800



**Memo AST2**  
VE343000



**MEMO AST LUX\***  
VE339800

DIN modules dimensions	1	2	2	2	2
Power supply 230 V AC	■	■	■	■	■
Replaceable battery	■	■	■	■	■
Battery life	4 years	5 years	5 years	5 years	5 years
Programming					
- Daily	■	■	■	■	■
- Weekly	-	-	■	■	-
Operation modes					
- ON/OFF from sunset to sunrise to ON/OFF from sunset to sunrise with night prg	■	■	■	■	■*
- ON/OFF/CYCLE/PULSE to PULSE	-	-	■	■	■
Relay	1	1	1	2	1
Summer/winter time automatic update	■	■	■	■	■
Programming with remote device	-	-	■	■	-
Communication Mode/Programming	-	-			-

\* Daytime activation with external luminosity probe

# Twilight Switches

Twilight switch for the activation of an electric load according to the ambient lighting.



**CR1DIN**  
VJ62300000



**QUICKLUX 3**  
VE503900



**QUICKLUX 4**  
VE5054700



**VEPAL**  
VJ57370000



**VELUX**  
VJ57030000



**VEREG**  
VJ57110000

## Dimensions

- DIN modules	1	-	-	-	-	-
- Millimeters	-	106x51.7x41.2	106x51.7x41.2	95xØ75*	95xØ75*	95xØ75*
Mounting	DIN **	Wall/Pole	Wall/Pole	Wall/Pole	Wall	Wall
Power supply 230 V AC	■	■	■	■	■	■
Replacable battery	-	-	-	-	-	-
Battery life	-	-	-	-	-	-
Programming						
- Daily	-	-	-	-	-	-
- Weekly	-	-	-	-	-	-
Sensitivity (lux)	1-100	3-70	3-70	3-70	3-70	3-70
Hysteresis (lux)	15%	4 fixed	4 fixed	1-10	4 fixed	1-10
Load	-	■	■	-	-	-
- Incandescent (W)	2000	800 (coφ 0.8)	800 (coφ 0.8)	800 (coφ 0.8)	800 (coφ 0.8)	800 (coφ 0.8)
- Fluroscent (W)	400	360 (coφ 0.8)	360 (coφ 0.8)	360 (coφ 0.8)	360 (coφ 0.8)	360 (coφ 0.8)
IP rating	41**	54	54	54	54	54

\* Dimensions include mountings brackets

\*\*External PE Cell wall mounted IP65

# Staircase Light Switches

Staircase light switches with electromechanical or electronic control for the timed activation of lights in domestic and similar environments.



**LSM-01**  
VE073300



**TE-200**  
VJ79720000



**TE-300**  
VE766700




DIN modules dimensions	1	1	1
Power supply 230V AC	■	■	■
Type of control	Electromechanical	Electronic	Multifunction electronic
Operation modes			
- Timed	■	■	■
- Always on	■	■	■
- Timed 60 min	-	-	■
- Step-by-step	-	-	■
- Pulse	-	-	■
- With switching off warning	■	-	■
3-4 wires system	■	■	■
Regulation range	45 sec ÷ 7 min	30 sec ÷ 20 min	30 sec ÷ 20 min
Relay	1	1	1



# Hour Meters




## Pannel and DIN mounted Hour Meters

	 <b>HMS-024</b> VP759500	 <b>HMS-048</b> VP755300	 <b>HMS-110</b> VP758700	 <b>HMS-230</b> VP757900	 <b>HMS-400</b> VP756100	 <b>HMS-1080</b> VP760300
<b>Front dimensions</b>	48 x 48mm	48 x 48mm	48 x 48mm	48 x 48mm	48 x 48mm	48 x 48mm
<b>Overall dimensions</b>	55 x 55mm	55 x 55mm	55 x 55mm	55 x 55mm	55 x 55mm	55 x 55mm
<b>Power supply</b>	24V AC	48V AC	110V AC	230V AC	400V AC	10-80 V DC
<b>Accuracy</b>	1/100 h	1/100 h	1/100 h	1/100 h	1/100 h	1/10 h
<b>Installation type</b>	Panel	Panel	Panel	Panel	Panel	Panel
<b>IP Rating (front panel)</b>	IP40	IP40	IP40	IP40	IP40	IP40
<b>Digits</b>	5+2	5+2	5+2	5+2	5+2	6+1
<b>Maximum count</b>	99999.99	99999.99	99999.99	99999.99	99999.99	99999.9

	 <b>HMD-024</b> VE160800	 <b>HMD-230</b> VP749600	 <b>HMD-1236</b> VE161600
<b>Dimensions</b>	2 module	2 module	2 module
<b>Power supply</b>	24V AC	230V AC	12-36V DC
<b>Accuracy</b>	1/100h	1/100h	1/100h
<b>Installation type</b>	DIN	DIN	DIN
<b>IP Rating (front panel)</b>	IP40	IP40	IP40
<b>Digits</b>	5+2	5+2	6+1
<b>Maximum count</b>	99999.99	99999.99	99999.9

# Control Relays

Modular electronic relays that satisfy the timing needs for all industrial and civil applications

			
	<b>TDMU</b> VE145900	<b>TPLU</b> VE146700	<b>DSR</b> VE147500
<b>DIN modules dimensions</b>	1	1	1
<b>Power supply 12-240 V AC/DC</b>	■	■	■
<b>Type of control</b>	Multi Function Timer	Pause Timer	Star Delta Timer
<b>Operation Modes</b>			
- (a) Delayed relay energising	■	-	-
- (b) Delayed relay de-energising	■	-	-
- (c) ON/OFF cycle OFF on activation	■	-	-
- (d) ON/OFF cycle ON on activation	■	-	-
- (e) Energising of the relay upon closing the contact and timed de-energising upon opening the contact	■	-	-
- (f) Timed energising of the relay upon closing the contact	■	-	-
- (g) Timed energising of the relay upon opening the contact	■	-	-
- (h) Delayed relay energising upon closing and delayed de-energising upon opening	■	-	-
- (i) Stepper relay upon closing the contact	■	-	-
- (j) Delayed pulse generation	■	-	-
- ON/OFF cycle ON on energising	-	-	-
- ON/OFF cycle OFF on energising	-	■	-
- Star delta timer	-	■	■
<b>Timer range</b>	0.1s - 10 days	0.1s - 100 days	t1: 0.1s - 100 days t2: 0.1s - 1s
<b>Output Relay (16A/250V AC)</b>	1	1	2

# Control Relays

PSR, VCR and CCR are control relays monitoring Phase, Voltage and Current



**PSR400**  
VP807200



**VCR**  
VE144200



**CCR**  
VE143400

<b>DIN modules dimensions</b>	2	2	2
<b>Power supply</b>	400V AC (-20 - +10%)	230V AC (-15 - +10%)	230V AC (-15 - +10%)
<b>Type of control</b>	Phase	Voltage	Current
<b>Operation modes</b>			
- Phase failed	■	-	-
- Voltage asymmetry	■	-	-
- Phase sequence	■	-	-
<b>Capacity</b>	3x230V (400V ac)	500V	10A
<b>Input signal</b>	-	10V - 100V or 50V - 500V	0.15A or 1A - 10A
<b>Relay output at 250V AC</b>	8A	8A	8A
<b>Maximum switchable voltage in AC</b>	380V	380V	380V
<b>Maximum switchable current in AC</b>	10A	10A	10A
<b>Maximum switchable power in AC</b>	2000VA	2000VA	2000VA



Energy Conservation Solutions  
'our promise, you'll save'

**Energy Conservation Solutions Pty Ltd**  
Exclusive Distributor for Vemer in Australia Locations:  
VIC/TAS, NSW, QLD, ACT, SA/NT & WA  
For contact details visit: [www.ecs.net.au](http://www.ecs.net.au)