

# TM-500 METER

## SPECIFICATION



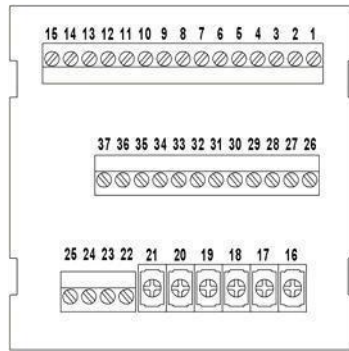
### Dimension:

- (1). Dimensions: 96mm×96mm×97mm (With terminal)
- (2). Face size: 96mm×96mm
- (3). Hole Size:  $90.5^{+0.5}$ mm ×  $90.5^{+0.5}$ mm
- (4). Minimum installation depth: 85mm



communication (optional)	interfac e	RS485
	protocol	ModBUS-RTU
	Baud rate	2400/4800/9600/19200bps
	verify	No calibration can be set 1 bit/2 Even parity 1 bit/ Odd parity 1 bit/ bit
Switch	Quantity	4 channels maximum
Output (optional)	Output form	Mechanical contact (passive)
	Switching voltage	maximum: AC250V DC30V
	Switching current	maximum: 5A

Analog quantity Output (optional)	Quantity	Maximum 3 way
	Output form	4 ~ 20mA, Accuracy: $\pm 0.5\%$
	Load capacity	$\leq 500\Omega$
Auxiliary power	range	AC85V~265V / DC100V~360V
	Power consumpt ion	$\leq 8VA$
environment	Operating temperature	-20 $^{\circ}C$ ~ 55 $^{\circ}C$
	Storage temperature	-40 $^{\circ}C$ ~ 85 $^{\circ}C$
	Relative humidity	0~95%, No condensation
safety	Dielectric strength	Input /Output /shell /Between power supplies: 2kV Acrms, 1 minute
other	size	96mm×96mm×97mm (Length × width × depth) (With terminal)
	weight	0.3kg



<b>power supply</b>	<b>1</b>	<b>L/+</b>	<b>DI</b>	<b>6</b>		<b>COM</b>
	<b>2</b>	<b>N/-</b>		<b>7-10 / 30-33</b>		<b>DI1-8</b>
<b>Communication</b>	<b>3</b>	<b>SH</b>	<b>AO</b>	<b>14</b>	<b>A01+</b>	<b>A01</b>
	<b>4</b>	<b>B</b>		<b>15</b>	<b>A01-</b>	
	<b>5</b>	<b>A</b>		<b>34</b>	<b>A03+</b>	<b>A03</b>
<b>D</b>	<b>11 - 12</b>	<b>DO1</b>		<b>35</b>	<b>A03-</b>	
	<b>13 - 14</b>	<b>DO2</b>		<b>36</b>	<b>A02+</b>	<b>A02</b>
<b>O</b>	<b>26 - 27</b>	<b>DO3</b>		<b>37</b>	<b>A02-</b>	
<b>Voltage input</b>	<b>22</b>	<b>Ua</b>	<b>Current input</b>	<b>16</b>	<b>I11</b>	Phase A current input
	<b>23</b>	<b>Ub</b>		<b>17</b>	<b>I12</b>	Phase A current output
	<b>24</b>	<b>Uc</b>		<b>18</b>	<b>I21</b>	Phase B current input
	<b>25</b>	<b>Un</b>		<b>19</b>	<b>I22</b>	Phase B current output
	<b>AO1 and DO2 with the same terminal 14</b>			<b>20</b>	<b>I31</b>	Phase C current input
			<b>21</b>	<b>I32</b>	Phase C current output	