
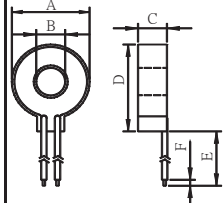

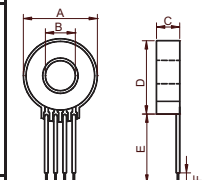

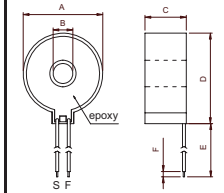

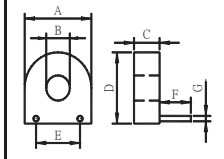

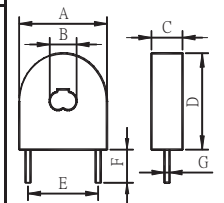

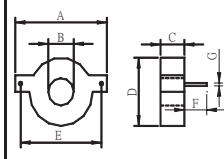

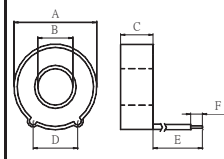


Zero-Phase Current Transformer (ZCT)

Part Number	Electrical Characteristic					MECHANICAL DIMENSION							Photo	DWG No.
	I _R	V _{out}	I _o	R _L	DCR	A	B	C	D	E	F	G		
	A	mV	mA	Ω	Ω(max)	mm/inch								
EY56-6-655UQ	15(30)	8.0	11.3	1K	65	<u>17.0</u> .669	<u>6.7</u> .264	<u>7.7</u> .303	<u>19</u> .748	<u>60</u> 2.362	<u>4.0</u> .157			
EY56-7-655UQ	30(50)	8.9	11.3	1K	42	<u>22.0</u> .866	<u>9.0</u> .354	<u>8.2</u> .0.323	<u>25</u> .984	<u>80</u> 3.15	<u>4.0</u> .157			
EY56-8-655UQ	50(70)	8.5	25	330	50	<u>24.0</u> .945	<u>10.5</u> .413	<u>9.0</u> .354	<u>26</u> 1.024	<u>100</u> 3.937	<u>4.0</u> .157			
EY56-9-655UQ	100(125)	17.0	25	1k	55	<u>30</u> 1.181	<u>14.7</u> .0.579	<u>9.2</u> .362	<u>32.2</u> 1.267	<u>150</u> 5.906	<u>4.0</u> .157			
EY56-0-655UQ	30(50)	7.5	11.3	1K	62	<u>22.2</u> 0.874	<u>9</u> 0.354	<u>8.4</u> 0.331	<u>25</u> .984	<u>90</u> 3.543	<u>4.0</u> 0.157			
EY56-1-655UQ	100(125)	7.5	11.3	1K	38	<u>30.0</u> 1.181	<u>14.7</u> .0.579	<u>9.2</u> .0.362	<u>31</u> 1.220	<u>80</u> 3.150	<u>4.0</u> .157			
EY58-6-655UU	15(30)	6.5	11.3	750	44	<u>17</u> .679	<u>6.8</u> .268	<u>7.0</u> .276	<u>17.8</u> .701	<u>10</u> .394	<u>6.0</u> .236	<u>0.6</u> .024		
EY58-8-655UU	15(25)	6.0	10	800	54	<u>17.6</u> .693	<u>5.1</u> .201	<u>6.5</u> .256	<u>17.8</u> .701	<u>14.3</u> .563	<u>6.0</u> .236	<u>1.0</u> .040		
EY59-6-655UU	15(30)	8.0	11.3	1K	58	<u>23.9</u> .941	<u>6.7</u> .264	<u>6.5</u> .256	<u>16.5</u> .650	<u>20</u> .787	<u>3.5</u> .138	<u>0.8</u> .031		
EY51-6-655UQ	30(60)	8.0	11.3	330	89	<u>24.11</u> .954	<u>10.14</u> .402	<u>11.63</u> .469	<u>8.2</u> .323	<u>90</u> 3.354	<u>4.0</u> .166			


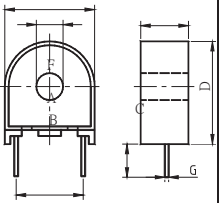

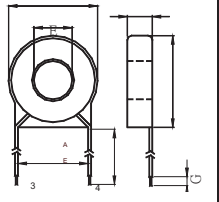

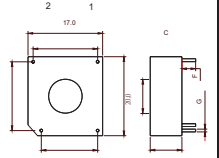

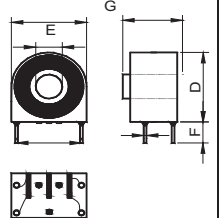
Zero-Phase Current Transformers (ZCT)

Electrical Characteristic

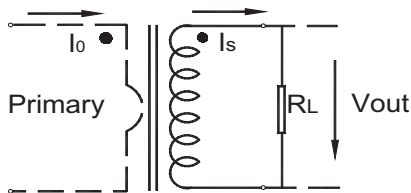
MECHANICAL DIMENSION

Photo

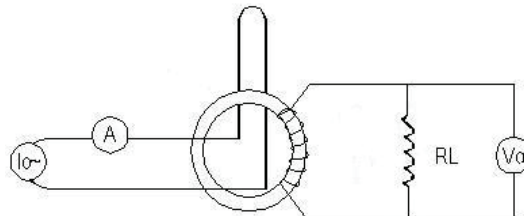
mm/inch

Part Number	Electrical Characteristic					MECHANICAL DIMENSION							Photo	DWG No.
	I_R	V_{out}	I_o	R_L	DCR	A	B	C	D	E	F	G		
	A	mV	mA	Ω	$\Omega(max)$									
EY52-6-655UU	15(30)	17	25	1K	55	$\frac{18.0}{.709}$	$\frac{4.5}{.177}$	$\frac{10}{.394}$	$\frac{20.8}{.819}$	$\frac{12.6}{.496}$	$\frac{6}{.236}$	$\frac{0.8}{.031}$		
EY53-6-670UQ	30(50)	7.2	11.3	1K	38	$\frac{21.6}{.850}$	$\frac{9.7}{.382}$	$\frac{8}{.315}$	$\frac{21.6}{.850}$	$\frac{16.9}{.665}$	$\frac{60}{2.362}$	$\frac{5}{.197}$		
EY66-7-655UU	15(30)	14	11	2K	50	$\frac{22}{.866}$	$\frac{23}{.906}$	$\frac{8.3}{.327}$	$\frac{9}{.354}$	$\frac{19}{.748}$	$\frac{5.0}{.197}$	$\frac{0.80}{.031}$		
EY66-7-655UU	15(30)	7.5	11.3	1K	50	$\frac{16.5}{.650}$	$\frac{5.8}{.228}$	$\frac{12.2}{.480}$	$\frac{17}{.669}$	$\frac{14.8}{.583}$	$\frac{4.0}{.157}$	$\frac{0.80}{.031}$		

ZCT Test Circuit



ZCT Unbalance Test



Headquarter Switzerland:
Pewatron AG
Thurgauerstrasse 66
CH-8050 Zurich
Phone +41 44 877 35 00
info@pewatron.com

Office Germany:
Pewatron Deutschland GmbH
Edisonstraße 16
D-85716 Unterschleißheim
Phone +49 89 374 288 87 00
info.de@pewatron.com



PEWATRON
SENSORS · POWER SOLUTIONS

We are here for you. Addresses and Contacts.

Sales Germany & Austria

Geometrical sensors Other products

Kurt Stritzelberger
Phone +49 89 374 288 87 22
kurt.stritzelberger@pewatron.com

Pressure sensors Other products

Gerhard Vetter
Phone +49 89 374 288 87 26
gerhard.vetter@pewatron.com

Gas sensors and modules

Peter Felder
Phone +41 44 877 35 05
peter.felder@pewatron.com

Sales Switzerland & Liechtenstein

Postcode 3000 – 9999

Basil Frei
Phone +41 44 877 35 18
basil.frei@pewatron.com

Postcode 1000 – 2999

Christian Mohrenstecher
Phone +41 76 444 57 93
christian.mohrenstecher@pewatron.com

Sales International Key Accounts

Peter Felder
Phone +41 44 877 35 05
peter.felder@pewatron.com

Sales Other Countries / Product Management

Pressure Sensors Load Cells

Philipp Kistler
Phone +41 44 877 35 03
philipp.kistler@pewatron.com

Gas sensors Gas sensor modules

Dr. Thomas Clausen
Phone +41 44 877 35 13
thomas.clausen@pewatron.com

Flow / Level / Medical products

Dr. Adriano Pittarelli
Phone +49 89 374 288 87 67
adriano.pittarelli@pewatron.com

Power supplies

Sebastiano Leggio
Phone +41 44 877 35 06
sebastiano.leggio@pewatron.com

Linear position sensors Angle sensors

Eric Letsch
Phone +41 44 877 35 14
eric.letsch@pewatron.com

Accelerometers Sensor elements

Christoph Kleye
Phone +49 89 374 288 87 61
christoph.kleye@pewatron.com

Drive technology

CH Postcode 5000 – 9999 / DE

Roman Homa
Phone +41 76 444 00 86
roman.homa@pewatron.com

Drive technology

CH Postcode 1000 – 4999 / AT / IT / FR

Christian Mohrenstecher
Phone +41 76 444 57 93
christian.mohrenstecher@pewatron.com

Harald Thomas

Phone +49 89 374 288 87 23
harald.thomas@pewatron.com