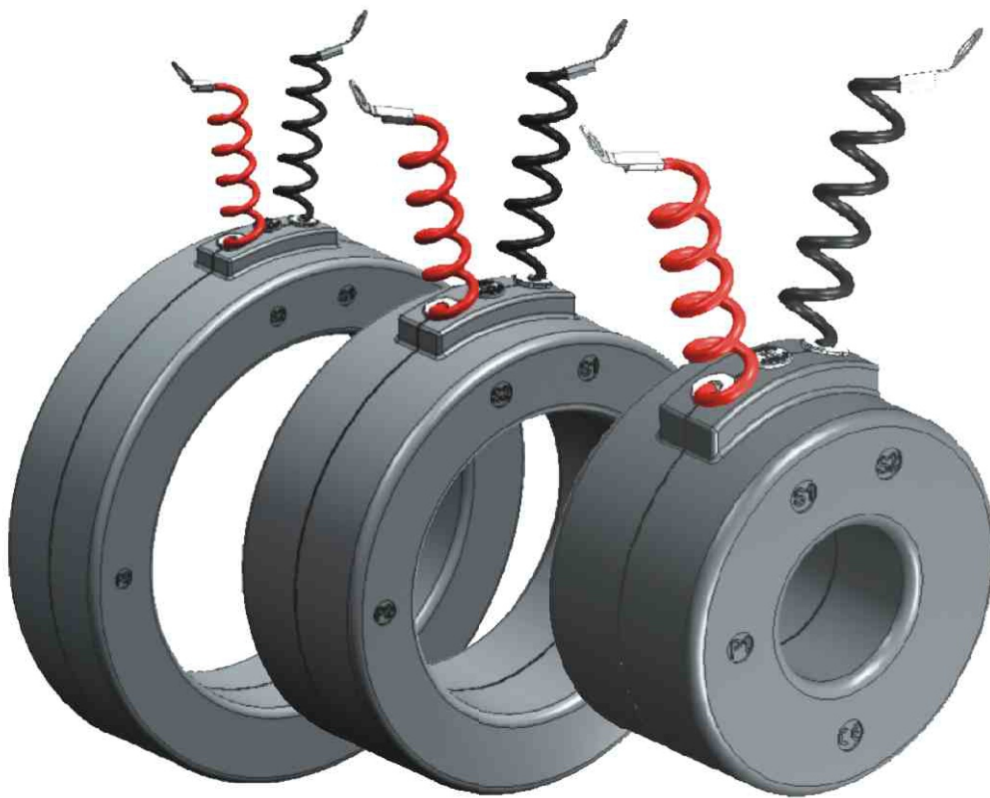




Data Sheet

RISHABH TW-E SERIES



Measure



Control



Record

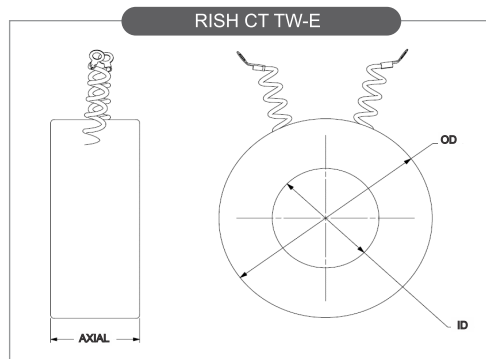


Analyze

# Data Sheet

## RISHABH TW-E SERIES

### Product Sizes



| Dimensional Details       |     |     |       |
|---------------------------|-----|-----|-------|
| Model                     | OD  | ID  | Axial |
| RISH CT TW-E 73/30(50)    | 73  | 30  | 50    |
| RISH CT TW-E 80/30(100)*  | 80  | 30  | 100   |
| RISH CT TW-E 92/43(41)    | 92  | 43  | 41    |
| RISH CT TW-E 95/50(40)    | 95  | 50  | 40    |
| RISH CT TW-E 100/58(41)   | 100 | 58  | 41    |
| RISH CT TW-E 110/72(41)   | 110 | 72  | 41    |
| RISH CT TW-E 135/85(30)   | 135 | 85  | 30    |
| RISH CT TW-E 159/113(40)  | 159 | 113 | 40    |
| RISH CT TW-E 165/130(30)  | 165 | 130 | 30    |
| RISH CT TW-E 190/150(40)* | 190 | 150 | 40    |
| RISH CT TW-E 235/200(35)* | 235 | 200 | 35    |

|                                              |                                                                                              |
|----------------------------------------------|----------------------------------------------------------------------------------------------|
| Applicable Standard                          | IEC-61869-1/2                                                                                |
| Case                                         | Unfilled poly carbonate, flame retardant grades classified UL94V-0                           |
| Connection                                   | 2.5sqmm lug available at secondary side.                                                     |
| Insulation Class                             | E                                                                                            |
| Highest Voltage for the equipment Um (r.m.s) | 0.72 kV                                                                                      |
| Test Voltage                                 | 3kV                                                                                          |
| Frequency                                    | 50/60Hz                                                                                      |
| Rated Primary Rating                         | 50A to 5000A                                                                                 |
| Rated Secondary Output                       | 5A(1A on request)                                                                            |
| Rated Burden                                 | 1, 1.25, 1.5, 2.5, 3.75, 5, 7.5, 10, 12.5, 15VA.                                             |
| Accuracy class                               | 0.5 for accurate measuring, kWh<br>1 for general measurement<br>3 for indicating instruments |
| Ambient temperature                          | -25°C to +40°C                                                                               |
| Storage temperature                          | -50°C to 80°C                                                                                |
| Thermal Short circuit current (Ith)          | 60XIn for BusBar type CT                                                                     |
| Dynamic short circuit current (Idyn)         | 2.5XIth                                                                                      |
| Instrument security factor (ISF)             | 5, 10                                                                                        |

### Features

- # Wide range of system current Ratings.
- # Various mounting options like Bus bar mounting, Wall mounting.

### APPLICATIONS

- Switchgear
- Distribution system
- Generator sets
- Control panels
- Overload protection
- Control devices

\* Available in Tape wound type



Measure



Control



Record

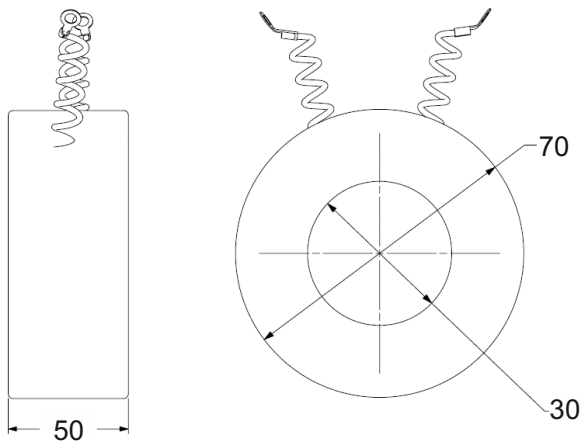


Analyze

# Data Sheet

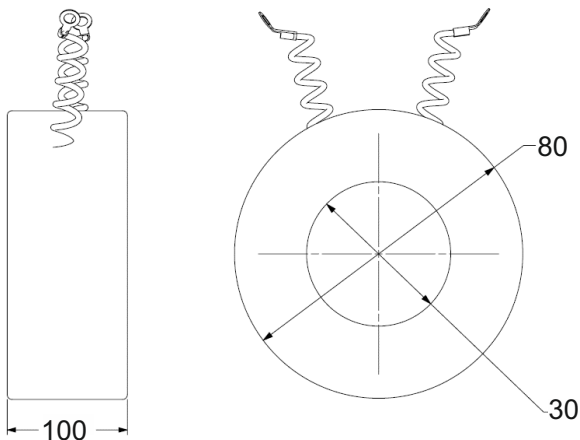
## RISHABH TW-E SERIES

### RISH CT TW-E 73/30(50)



| CT Type         | RISH CT TW-E 73/30(50) |    |    |
|-----------------|------------------------|----|----|
| Accuracy        | 0.5                    | 1  | 5  |
| Primary Current | VA                     | VA | VA |
| 50A             | -                      | -  | 5  |
| 60A             | -                      | -  | 5  |
| 75A             | -                      | -  | 5  |
| 100A            | 2.5                    | 5  | -  |
| 120A            | 2.5                    | 5  | -  |
| 125A            | 2.5                    | 5  | -  |
| 150A            | 5                      | 5  | -  |
| 200A            | 10                     | 15 | -  |

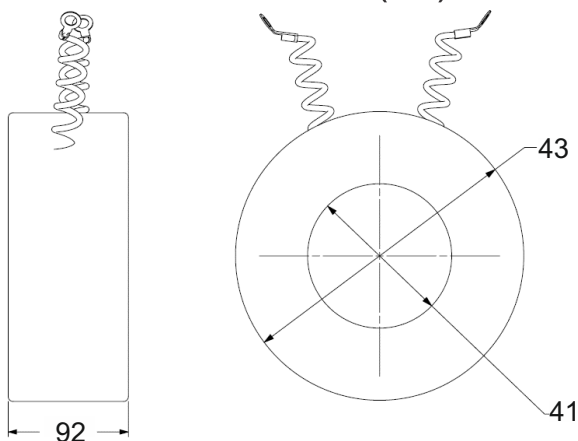
### RISH CT TW-E 80/30(100)



| CT Type         | Rish CT TW-E 80/30(100) |    |
|-----------------|-------------------------|----|
| Accuracy        | 0.5                     | 1  |
| Primary Current | VA                      | VA |
| 100A            | 2.5                     | 15 |
| 150A            | 5                       | 15 |

\* Tape Wound CT

### RISH CT TW-E 92/43(41)



| CT Type         | Rish CT TW-E 92/43(41) |    |
|-----------------|------------------------|----|
| Accuracy        | 0.5                    | 1  |
| Primary Current | VA                     | VA |
| 200A            | 5                      | 15 |
| 250A            | 7.5                    | 15 |
| 300A            | 10                     | 15 |
| 400A            | 10                     | 15 |



Measure



Control



Record

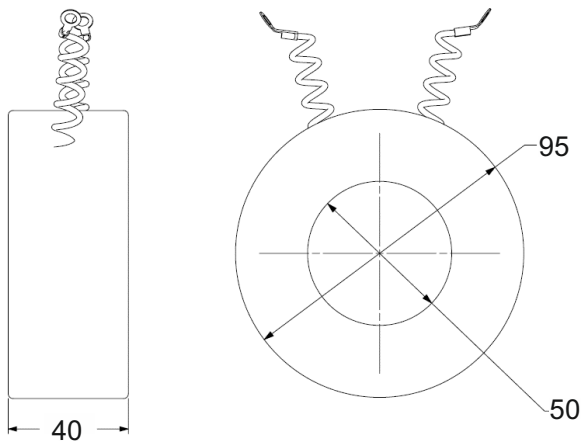


Analyze

# Data Sheet

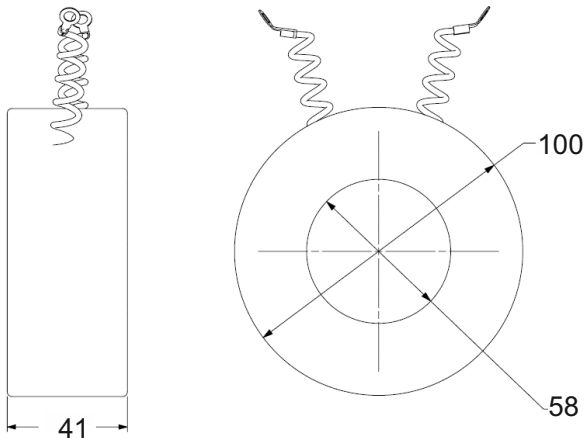
## RISHABH TW-E SERIES

### RISH CT TW-E 95/50(40)



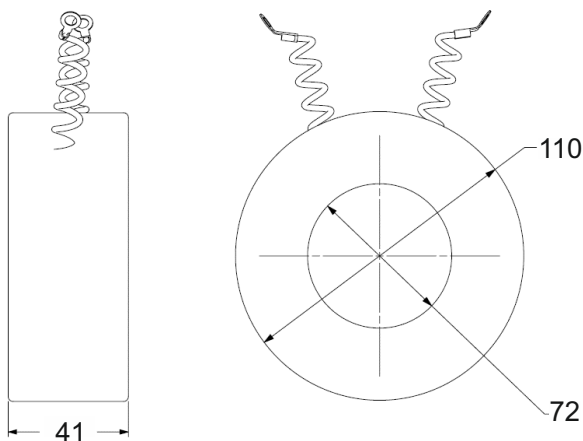
| CT Type         | Rish CT TW-E 95/50(40) |    |
|-----------------|------------------------|----|
| Accuracy        | 0.5                    | 1  |
| Primary Current | VA                     | VA |
| 200A            | 5                      | 15 |
| 250A            | 7.5                    | 15 |
| 300A            | 10                     | 15 |

### RISH CT TW-E 100/58(41)



| CT Type         | Rish CT TW-E 100/58(41) |    |
|-----------------|-------------------------|----|
| Accuracy        | 0.5                     | 1  |
| Primary Current | VA                      | VA |
| 400A            | 10                      | 15 |
| 500A            | 15                      | 15 |
| 600A            | 15                      | 15 |

### RISH CT TW-E 110/72(41)



| CT Type         | Rish CT TW-E 110/72(41) |    |
|-----------------|-------------------------|----|
| Accuracy        | 0.5                     | 1  |
| Primary Current | VA                      | VA |
| 800A            | 15                      | 15 |
| 1000A           | 15                      | 15 |



Measure



Control

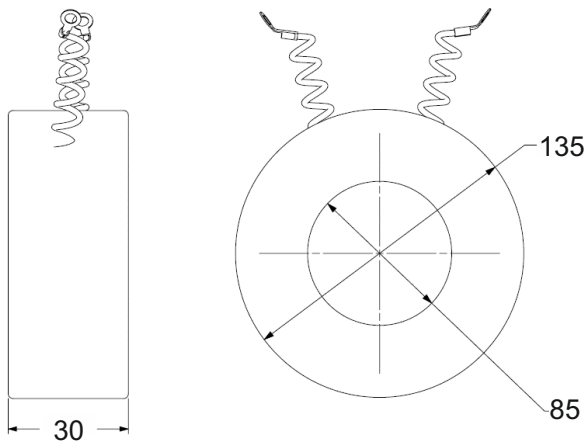


Record



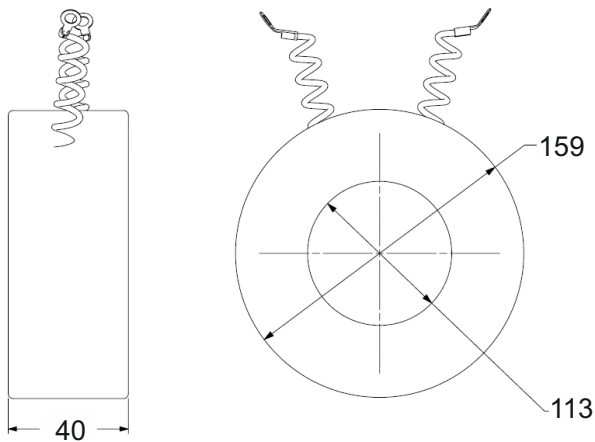
Analyze

### RISH CT TW-E 135/85(30)



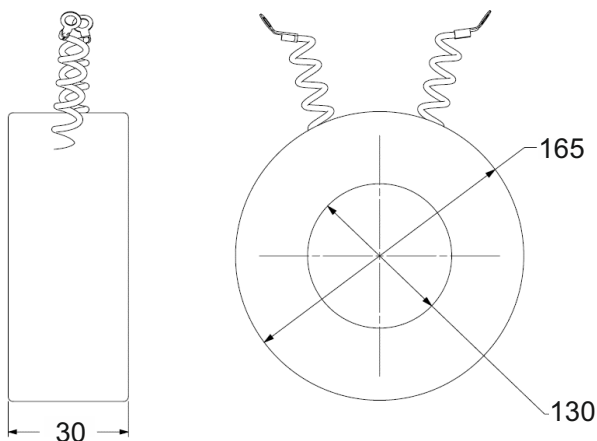
| CT Type         | Rish CT TW-E 135/85(30) |    |
|-----------------|-------------------------|----|
| Accuracy        | 0.5                     | 1  |
| Primary Current | VA                      | VA |
| 800A            | 15                      | 15 |
| 1000A           | 15                      | 15 |
| 1200A           | 15                      | 15 |

### RISH CT TW-E 159/113(40)



| CT Type         | Rish CT TW-E 159/113(40) |    |
|-----------------|--------------------------|----|
| Accuracy        | 0.5                      | 1  |
| Primary Current | VA                       | VA |
| 1200A           | 15                       | 15 |
| 1500A           | 15                       | 15 |
| 1600A           | 15                       | 15 |
| 2000A           | 15                       | 15 |

### RISH CT TW-E 165/130(30)



| CT Type         | Rish CT TW-E 165/130(30) |    |
|-----------------|--------------------------|----|
| Accuracy        | 0.5                      | 1  |
| Primary Current | VA                       | VA |
| 2400A           | 15                       | 15 |
| 2500A           | 15                       | 15 |
| 3000A           | 15                       | 15 |



Measure



Control

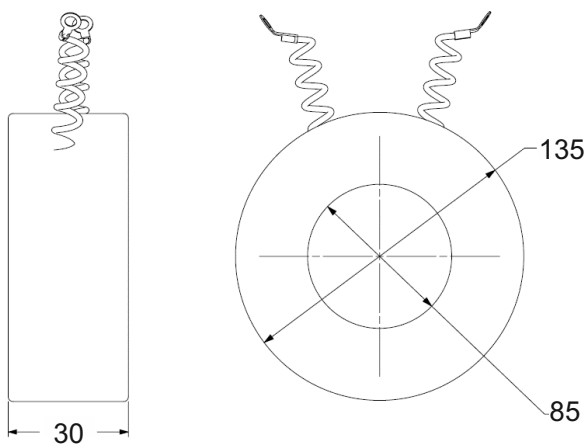


Record



Analyze

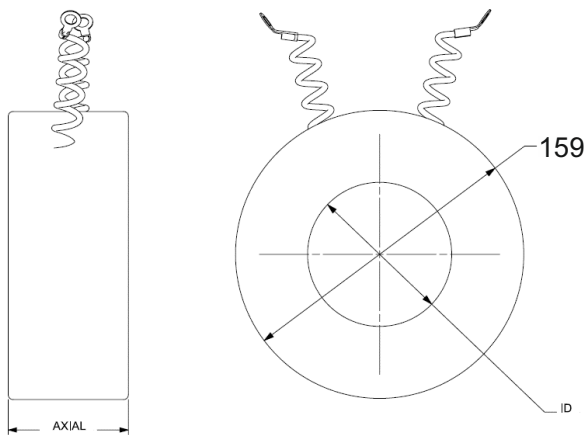
RISH CT TW-E 190/150(40)



|                 |                          |    |
|-----------------|--------------------------|----|
| CT Type         | Rish CT TW-E 190/150(40) |    |
| Accuracy        | 0.5                      | 1  |
| Primary Current | VA                       | VA |
| 3200A           | 15                       | 15 |

\* Tape Wound CT

RISH CT TW-E 235/200(35)



|                 |                          |  |
|-----------------|--------------------------|--|
| CT Type         | Rish CT TW-E 235/200(35) |  |
| Accuracy        | 1                        |  |
| Primary Current | VA                       |  |
| 4000A           | 15                       |  |
| 5000A           | 15                       |  |

\* Tape Wound CT



Measure



Control



Record



Analyze

### MOUNTING CLAMP (OPTIONAL)



Mounting Clamp as shown in figure is provided as an optional spare

### Spar Code :

|                |                                       |
|----------------|---------------------------------------|
| SPAR-SA00-0116 | WALL MOUNTING BRACKET FOR TW-1        |
| SPAR-SA00-0012 | WALL MOUNTING BRACKET FOR TW-2        |
| SPAR-SA00-0072 | WALL MOUNTING BRACKET FOR TW-3        |
| SPAR-SA00-0011 | WALL MOUNTING BRACKET FOR TW-4        |
| SPAR-SA00-0060 | WALL MOUNTING BRACKET FOR TW-5        |
| SPAR-SA00-0098 | WALL MOUNTING BRACKET FOR TW-6        |
| SPAR-SA00-2307 | WALL MOUNTING BRACKET FOR TW-7 & TW-8 |



Measure



Control



Record



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