



## TD4 200/5A

TD4 200/5A, Transformador de corriente

Código: M75018.

- > Diámetro interior (mm): 20
- > Sistema: Monofásico
- > Clase 0,5 Potencia (VA): 5
- > Clase 1 Potencia (VA): 7,5
- > Clase 3 Potencia (VA): 7,5
- > Rango medida (A): 200/5
- > Corriente de entrada: 200 A
- > Tipo transformador: Núcleo cerrado

### Descripción

Los **TD** son transformadores de corriente con un diseño mejorado que contempla todas las necesidades de las instalaciones actuales, los **TD** son versátiles en sus formas de montaje y sujeción así como la posibilidad de precintar el transformador para evitar manipulaciones.

Sus principales características son:

- Tipo barra pasante
- Desde 40 A hasta 4000 A
- Test Report
- Accesorios para anclaje Carril DIN
- Precintables
- Secundarios .../5 A, .../1 A y .../250 mA (consultar disponibilidad)
- Diámetros des de 21 mm hasta 63 mm.

### Aplicación

Estos transformadores están pensados para convertir corrientes nominales de cualquier instalación a valores de corriente adaptadas para los equipos de medida.



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## Especificaciones

### Electrical characteristics

|                                            |                                                     |
|--------------------------------------------|-----------------------------------------------------|
| Safety factor (SF)                         | 5                                                   |
| Power                                      | 5 VA(Clase 0.5) , 7,5 VA(Clase 1) , 7,5 VA(Clase 3) |
| Insulation voltage between terminals S1-S2 | 3 kV                                                |

### Mechanical characteristics

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Size (mm) width x height x depth | 50 x 80 x 48 (mm)                 |
| Envelope                         | Plástico V0 autoextinguible, UL94 |
| Fastening                        | Carril DIN con accesorio          |
| Weight (kg)                      | 0,256                             |

### Environmental characteristics

|                                          |                   |
|------------------------------------------|-------------------|
| Thermal Class                            | Clase B (+130 °C) |
| Protection class                         | IP 20             |
| Relative humidity (without condensation) | 15 ... 95 %       |
| Storage temperature                      | -40 ... +85 °C    |
| Working temperature                      | -5 ... +40 °C     |

### Specific technical characteristics of current sensors

|                       |               |
|-----------------------|---------------|
| Inner diameter Ø (mm) | 20            |
| Operating voltage     | 0,72 kV~ máx. |

### Current measurement circuit

|                                     |            |
|-------------------------------------|------------|
| Nominal frequency                   | 50 / 60 Hz |
| Primary current measurement         | 200 A      |
| Dynamic current (Idyn)              | 2,5 Ith    |
| Thermal short-circuit current (Ith) | 60 In      |
| Transformation ratio                | ... / 5 A  |

### Standards

|                                       |                          |
|---------------------------------------|--------------------------|
| Electrical safety, Maximum height (m) | 2000                     |
| Standards                             | IEC 61869-1, IEC 61869-2 |

TD  
Transformadores de corriente perfil estrecho

| CÓDIGO | TIPO | Sección útil (mm) | Pletina (mm) | Clase 0,5 Potencia (VA) | Clase 1 Potencia (VA) | Clase 3 Potencia (VA) | Rango medida (A) |
|--------|------|-------------------|--------------|-------------------------|-----------------------|-----------------------|------------------|
|--------|------|-------------------|--------------|-------------------------|-----------------------|-----------------------|------------------|



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| CÓDIGO  | TIPO         | Sección útil (mm) | Pletina (mm)                | Clase 0,5 Potencia (VA) | Clase 1 Potencia (VA) | Clase 3 Potencia (VA) | Rango medida (A) |
|---------|--------------|-------------------|-----------------------------|-------------------------|-----------------------|-----------------------|------------------|
| M75011. | TD4 40/5A    | 20                |                             | -                       | -                     | 1,25                  | 40/5             |
| M75012. | TD4 50/5A    | 20                |                             | -                       | 1                     | 1,5                   | 50/5             |
| M75013. | TD4 60/5A    | 20                |                             | -                       | 1,25                  | 2,5                   | 60/5             |
| M75014. | TD4 75/5A    | 20                |                             | -                       | 1,5                   | 3,75                  | 75/5             |
| M75015. | TD4 100/5A   | 20                |                             | 1,5                     | 2,5                   | 5                     | 100/5            |
| M75016. | TD4 125/5A   | 20                |                             | 2,5                     | 3,75                  | 5                     | 125/5            |
| M75017. | TD4 150/5A   | 20                |                             | 3,75                    | 5                     | 5                     | 150/5            |
| M75018. | TD4 200/5A   | 20                |                             | 5                       | 7,5                   | 7,5                   | 200/5            |
| M75022. | TD5 50/5A    | 20                | 15 x 15   20 x 10   25 x 5  | -                       | 0,5                   | 1,5                   | 50/5             |
| M75023. | TD5 60/5A    | 20                | 15 x 15   20 x 10   25 x 5  | -                       | 1                     | 2,5                   | 60/5             |
| M75024. | TD5 75/5A    | 20                | 15 x 15   20 x 10   25 x 5  | -                       | 1,5                   | 3,5                   | 75/5             |
| M75025. | TD5 100/5A   | 20                | 15 x 15   20 x 10   25 x 5  | 1,5                     | 2,5                   | 3,75                  | 100/5            |
| M75026. | TD5 125/5A   | 20                | 15 x 15   20 x 10   25 x 5  | 1,5                     | 2,5                   | 3,75                  | 125/5            |
| M75027. | TD5 150/5A   | 20                | 15 x 15   20 x 10   25 x 5  | 1,5                     | 2,5                   | 3,75                  | 150/5            |
| M75028. | TD5 200/5A   | 20                | 15 x 15   20 x 10   25 x 5  | 2,5                     | 3,75                  | 5                     | 200/5            |
| M75029. | TD5 250/5A   | 20                | 15 x 15   20 x 10   25 x 5  | 2,5                     | 3,75                  | 5                     | 250/5            |
| M750A5. | TD5.2 100/5A | 22                | 25 x 10   30 x 10   20 x 12 | -                       | -                     | 1                     | 100/5            |
| M750A6. | TD5.2 125/5A | 22                | 25 x 10   30 x 10   20 x 12 | -                       | 1                     | 1,5                   | 125/5            |
| M750A7. | TD5.2 150/5A | 22                | 25 x 10   30 x 10   20 x 12 | 1                       | 1,5                   | 2,5                   | 150/5            |
| M750A8. | TD5.2 200/5A | 22                | 25 x 10   30 x 10   20 x 12 | 1,5                     | 2,5                   | 3,5                   | 200/5            |
| M750A9. | TD5.2 250/5A | 22                | 25 x 10   30 x 10   20 x 12 | 2,5                     | 3,5                   | 5                     | 250/5            |
| M750AA. | TD5.2 300/5A | 22                | 25 x 10   30 x 10   20 x 12 | 2,5                     | 3,5                   | 5                     | 300/5            |
| M750AB. | TD5.2 400/5A | 22                | 25 x 10   30 x 10   20 x 12 | 2,5                     | 3,5                   | 5                     | 400/5            |
| M750AC. | TD5.2 500/5A | 22                | 25 x 10   30 x 10   20 x 12 | 5                       | 7,5                   | 10                    | 500/5            |
| M750AD. | TD5.2 600/5A | 22                | 25 x 10   30 x 10   20 x 12 | 5                       | 7,5                   | 10                    | 600/5            |
| M75055. | TD6.2 100/5A | 25                | 25 x 12   30 x 10   20 x 20 | 2,5                     | 2,5                   | 3,5                   | 100/5            |
| M75056. | TD6.2 125/5A | 25                | 25 x 12   30 x 10   20 x 20 | 1,5                     | 3,5                   | 5                     | 125/5            |
| M75057. | TD6.2 150/5A | 25                | 25 x 12   30 x 10   20 x 20 | 2,5                     | 3,5                   | 5                     | 150/5            |
| M75058. | TD6.2 200/5A | 25                | 25 x 12   30 x 10   20 x 20 | 3,5                     | 5                     | 5                     | 200/5            |
| M75059. | TD6.2 250/5A | 25                | 25 x 12   30 x 10   20 x 20 | 3,5                     | 5                     | 5                     | 250/5            |
| M7505A. | TD6.2 300/5A | 25                | 25 x 12   30 x 10   20 x 20 | 5                       | 7,5                   | 7,5                   | 300/5            |
| M7505B. | TD6.2 400/5A | 25                | 25 x 12   30 x 10   20 x 20 | 5                       | 7,5                   | 7,5                   | 400/5            |
| M7505C. | TD6.2 500/5A | 25                | 25 x 12   30 x 10   20 x 20 | 5                       | 7,5                   | 10                    | 500/5            |
| M7505D. | TD6.2 600/5A | 25                | 25 x 12   30 x 10   20 x 20 | 5                       | 7,5                   | 10                    | 600/5            |
| M75047. | TD6 150/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 1                       | 2,5                   | 3,5                   | 150/5            |
| M75048. | TD6 200/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 1,5                     | 3,5                   | 5                     | 200/5            |
| M75049. | TD6 250/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 2,5                     | 5                     | 5                     | 250/5            |
| M7504A. | TD6 300/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 2,5                     | 5                     | 5                     | 300/5            |



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|---------|--------------|-------------------|-----------------------------|-------------------------|-----------------------|-----------------------|------------------|
| M7504B. | TD6 400/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 2,5                     | 5                     | 5                     | 400/5            |
| M7504C. | TD6 500/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 5                       | 7,5                   | 7,5                   | 500/5            |
| M7504D. | TD6 600/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 5                       | 7,5                   | 7,5                   | 600/5            |
| M7504E. | TD6 750/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 5                       | 7,5                   | 10                    | 750/5            |
| M7504F. | TD6 800/5A   | 28                | 20 x 25   30 x 15   40 x 10 | 5                       | 7,5                   | 10                    | 800/5            |
| M7506A. | TD8 300/5A   | 43                | 50 x 30   60 x 12  13 x 45  | 2,5                     | 3,5                   | 3,5                   | 300/5            |
| M7506B. | TD8 400/5A   | 43                | 50 x 30   60 x 12  13 x 45  | 2,5                     | 3,5                   | 5                     | 400/5            |
| M7506C. | TD8 500/5A   | 43                | 50 x 30   60 x 12  13 x 45  | 2,5                     | 5                     | 5                     | 500/5            |
| M7506D. | TD8 600/5A   | 43                | 50 x 30   60 x 12  13 x 45  | 2,5                     | 5                     | 5                     | 600/5            |
| M7506E. | TD8 750/5A   | 43                | 50 x 30   60 x 12  13 x 45  | 2,5                     | 5                     | 5                     | 750/5            |
| M7506F. | TD8 800/5A   | 43                | 50 x 30   60 x 12  13 x 45  | 5                       | 7,5                   | 7,5                   | 800/5            |
| M7506G. | TD8 1000/5A  | 43                | 50 x 30   60 x 12  13 x 45  | 5                       | 7,5                   | 10                    | 1000/5           |
| M7506H. | TD8 1200/5A  | 43                | 50 x 30   60 x 12  13 x 45  | 5                       | 7,5                   | 10                    | 1200/5           |
| M7506J. | TD8 1250/5A  | 43                | 50 x 30   60 x 12  13 x 45  | 7,5                     | 10                    | 10                    | 1250/5           |
| M7506K. | TD8 1500/5A  | 43                | 50 x 30   60 x 12  13 x 45  | 7,5                     | 10                    | 15                    | 1500/5           |
| M7506L. | TD8 1600/5A  | 43                | 50 x 30   60 x 12  13 x 45  | 7,5                     | 10                    | 15                    | 1600/5           |
| M7507D. | TD10 600/5A  | 63                | 50 x 50   60 x 30   80 x 30 | 2,5                     | 5                     | 7,5                   | 600/5            |
| M7507E. | TD10 750/5A  | 63                | 50 x 50   60 x 30   80 x 30 | 2,5                     | 5                     | 7,5                   | 750/5            |
| M7507F. | TD10 800/5A  | 63                | 50 x 50   60 x 30   80 x 30 | 2,5                     | 5                     | 7,5                   | 800/5            |
| M7507G. | TD10 1000/5A | 63                | 50 x 50   60 x 30   80 x 30 | 2,5                     | 5                     | 7,5                   | 1000/5           |
| M7507H. | TD10 1200/5A | 63                | 50 x 50   60 x 30   80 x 30 | 2,5                     | 5                     | 7,5                   | 1200/5           |
| M7507J. | TD10 1250/5A | 63                | 50 x 50   60 x 30   80 x 30 | 2,5                     | 5                     | 7,5                   | 1250/5           |
| M7507K. | TD10 1500/5A | 63                | 50 x 50   60 x 30   80 x 30 | 5                       | 10                    | 15                    | 1500/5           |
| M7507L. | TD10 1600/5A | 63                | 50 x 50   60 x 30   80 x 30 | 5                       | 10                    | 15                    | 1600/5           |
| M7507M. | TD10 2000/5A | 63                | 50 x 50   60 x 30   80 x 30 | 5                       | 10                    | 15                    | 2000/5           |
| M7507N. | TD10 2500/5A | 63                | 50 x 50   60 x 30   80 x 30 | 5                       | 10                    | 15                    | 2500/5           |
| M7507P. | TD10 3000/5A | 63                | 50 x 50   60 x 30   80 x 30 | 5                       | 10                    | 15                    | 3000/5           |
| M7508F. | TD12 800/5A  | 50                | 100 x 50                    | 2,5                     | 5                     | 7,5                   | 800/5            |
| M7508G. | TD12 1000/5A | 50                | 100 x 50                    | 2,5                     | 5                     | 7,5                   | 1000/5           |
| M7508H. | TD12 1200/5A | 50                | 100 x 50                    | 5                       | 10                    | 15                    | 1200/5           |
| M7508J. | TD12 1250/5A | 50                | 100 x 50                    | 5                       | 10                    | 15                    | 1250/5           |
| M7508K. | TD12 1500/5A | 50                | 100 x 50                    | 7,5                     | 15                    | 20                    | 1500/5           |
| M7508L. | TD12 1600/5A | 50                | 100 x 50                    | 7,5                     | 15                    | 20                    | 1600/5           |
| M7508M. | TD12 2000/5A | 50                | 100 x 50                    | 7,5                     | 15                    | 20                    | 2000/5           |
| M7508N. | TD12 2500/5A | 50                | 100 x 50                    | 10                      | 20                    | 25                    | 2500/5           |
| M7508P. | TD12 3000/5A | 50                | 100 x 50                    | 10                      | 20                    | 25                    | 3000/5           |
| M7508Q. | TD12 4000/5A | 50                | 100 x 50                    | 15                      | 20                    | 25                    | 4000/5           |



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Para otras configuraciones ver tabla de prestaciones adicionales

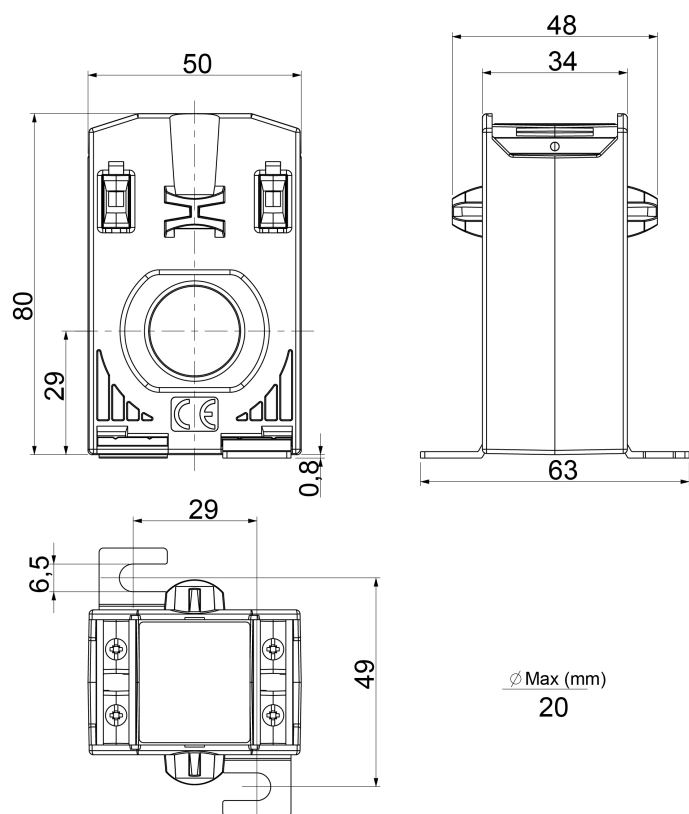


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### Dimensiones



### Conexiones

