

# Potentiometers for controllers

For standard applications, type XKZ A

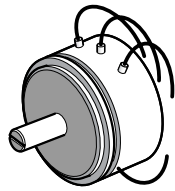
## Mechanical characteristics

| Potentiometer type                                         | XKZ A15●●●                   | XKZ A18●●● |
|------------------------------------------------------------|------------------------------|------------|
| Size                                                       | 15                           | 18         |
| Conformity to standards                                    | UTE 93265                    |            |
| Mounting method                                            | By the body ("synchro" type) |            |
| Rotational operation                                       | Continuous                   |            |
| Function                                                   | Linear (1% resolution)       |            |
| Operating angle                                            | 360°                         |            |
| Mechanical durability<br>(in millions of operating cycles) | 3                            | 1          |

## Electrical characteristics

|                                                  |                                          |              |
|--------------------------------------------------|------------------------------------------|--------------|
| Centre tap                                       | Wired out to terminal                    |              |
| Dead zone around centre tap point (neutral zone) | 2° ± 1°                                  |              |
| Nominal power (Pn)                               | 3 W at 85 °C                             | 4 W at 85 °C |
| Connections                                      | Flying leads from soldered standard tags |              |

## References

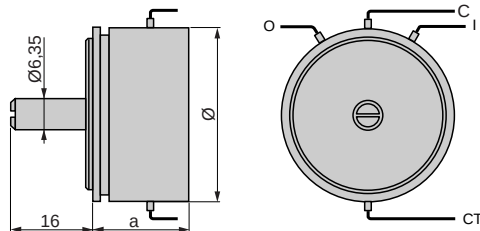


XKZ A ●●●●

| Resistance value<br>Ω | Availability   | Size | Reference             | Weight<br>kg |
|-----------------------|----------------|------|-----------------------|--------------|
| 4700 (2 x 2350)       | Stock item     | 15   | <b>XKZ A15047</b>     | 0.060        |
|                       | Short delivery | 18   | <b>XKZ A18047</b>     | 0.060        |
| 1000 (2 x 500)        | Short delivery | 15   | <b>XKZ A15010</b>     | 0.060        |
|                       | On demand      | 18   | <b>XKZ A18010</b>     | 0.060        |
| 2200 (2 x 1100)       | Short delivery | 15   | <b>XKZ A15022</b>     | 0.060        |
|                       | On demand      | 18   | <b>XKZ A18022</b>     | 0.060        |
| 10,000 (2 x 5000)     | Stock item     | 15   | <b>XKZ A15100</b>     | 0.060        |
|                       | On demand      | 18   | <b>XKZ A18100</b>     | 0.060        |
| Other values          | On demand      | 15   | <b>XKZ A15000 (1)</b> | 0.060        |
|                       | On demand      | 18   | <b>XKZ A18000 (1)</b> | 0.060        |

(1) When ordering an XKZ A15000 or XKZ A18000, the total resistance value must be stated.  
The other characteristics are the same.

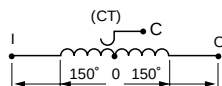
## Dimensions



The pinion included with the adaptation simply clamps onto the potentiometer operating shaft (diameter 6.35 mm, length 16 mm).

|                   | a  | Ø     |
|-------------------|----|-------|
| <b>XKZ A15●●●</b> | 20 | 36.5  |
| <b>XKZ A18●●●</b> | 27 | 44.45 |

## Connection



I = yellow  
O = green  
C = red  
CT = black