

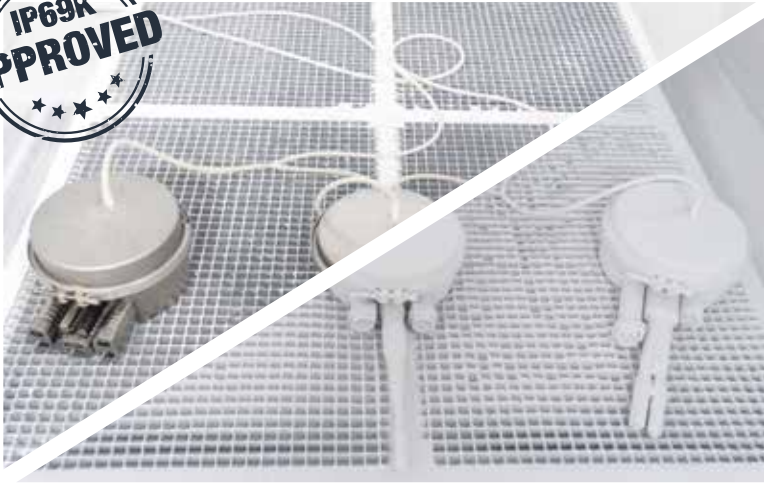
IP69K – Joint Closure T240



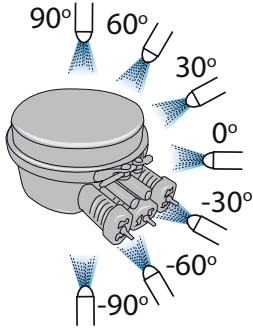
Test procedure

- *Protected against close-range high pressure, high temperature spray downs*
- *Test duration: 30 seconds in each of 7 angles (3 minutes total)*
- *Pressure: 10 MPa (100 bar)*
- *At a distance of 0.125 m*
- *Water temperature: 80 °C*





Left picture. Closure's set-up for IP6X dust test with vacuum pump connection.



Classification of degree of protection provided by enclosure

Standard: EN 60529:1991 + A1:2000 + A2:2013
IEC 60529:1989 + A1:1999 + A2:2013
ISO 20653:2013

IP-class: IP68 (2.0 bar/24 h)/IP69, IP69K

Technical description

The largest dimension of Telecombox T240 exceeds 250 mm and the test was performed with the test parameters for large enclosures. The test objects were exposed to high-pressure water from all directions during 3 min. The water pressure was approximately 100 bar and the spray distance was 125 mm. The temperature of the fresh water was 80° C.

Test equipment

- High-pressure washer:** KEW 52C3KA
- Nozzle:** RISE inventory No. BX41793
- Sliding calliper:** RISE inventory No. 501806
- Water flow meter:** RISE inventory No. 501880
- Frequency counter:** RISE inventory No. 503436
- Thermometer:** RISE inventory No. BX41792
- Stopwatch:** RISE inventory No. 501336

Measuring uncertainties

- Spray distance:** ± 25 mm
- Water temperature:** ± 5 °C
- Time:** ± 3.5 s



Set-up for IPX8 immersion test, water container pressurized to 2 bar.



Closure's tested with all variants of bushing technology for the Telecombox T240 system.

