360 Years

SPRECON®-E-T3

Highly available telecontrol technology

MTBF (Meantime Between Failures) in years

www.sprecher-automation.com

sprecher automation

MTBF SPRECON®-E-T3

At Sprecher Automation, we keep detailed statistics on our delivered devices and evaluate them continuously for our quality monitoring. We analyse tens of thousands of components as well as the problems encountered and their solutions. We have compiled some excerpts from these statistics on typical devices of the SPRECON platform for you in order to demonstrate the exceptionally high availability and reliability of our products on the basis of the meantime between failures (MTBF).

THE ADVANTAGES OF SPRECON-E-T3

The technology of our telecontrol modules is derived from the highest-quality protection and control technology, not from industrial control systems, and is therefore ideally suited for your application purposes in critical infrastructure. The devices are not only characterised by a long availability of the components. The MTTR values (Meantime to repair) are also very low thanks to the modular design. Typical application areas of the SPRECON-E-T3 modules are:

SPRECON-E-T3 USED IN SECONDARY SUBSTATIONS

Different variants of our compact telecontrol modules SPRECON-E-T3 are used for the automation and digitisation of secondary substations. Depending on the version, the average MTBF values for these modules are between around 300 and 360 years.

SPRECON-E-T3 USED WITH RENEWABLES

Our automation and telecontrol modules are also used in the field of renewable energy generation and integration. With an average MTBF value of around 277 years, Sprecher Automation offers reliable products when it comes to renewables and smart grids.

SPRECON-E-T3 for secondary substation

SPRECON-E-T3 for classic telecontrol applications

CLASSIC TELECONTROL APPLICATIONS WITH SPRECON-E-T3

Power distribution, water and wastewater management, oil and gas supply, applications in railway environments, tunnels and roads: For “classic” telecontrol tasks, the average MTBF value is around 265 years.

TYPICAL MTBF OF DIGITAL COMPONENTS

Industrial Network Components ~20-60 years

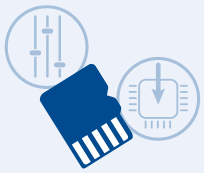
Typical RTU: ~50-150 years

Industrial Computers ~10-20 years

SPRECON-E-T3: ~200-360 years

FLEXIBLE & MULTIFUNCTIONAL

- Can be used as central, telecontrol & stand-alone unit
- For small to medium data volumes
- IPsec encryption on the CPU
- Plug & Play due to SD card backup



Easy replacement of devices without additional tools

- Various protocols
- Web server

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