



MultiProtector: The Monitoring and Protection Unit

An app displays the critical data of your pump, warns, and protects it from damage

Pumps & Systems

MultiProtector Pump protection device for NETZSCH pumps

The MultiProtector is a monitoring and protection unit developed for NETZSCH positive displacement pumps. With this device, you can detect possible pump difficulties at an early stage. Based on, preset threshold values, you can protect the pump from damage in advance.

The MultiProtector analyzes the data on overpressure, temperature, leakage (conductivity measurement) and voltage. In the "MultiProtector" app, you can define two threshold values. One threshold value causes an alarm, the second one triggers a warning, which can also be used to switch off the pump. In addition, the error history is documented, and a live diagnostic can be performed. You can analyze the condition of the pump based on individual reports and optimise it. The pump is thus protected from damage.

What can be monitored?

- Temperature of the motor, stator, and pumped medium
- Pressure at the discharge port of the pump, signal input 0-20 mA (4-24 mA)
- 2 ways to measure leakage (conductivity measurement)
- Motor frequency
- Motor voltage

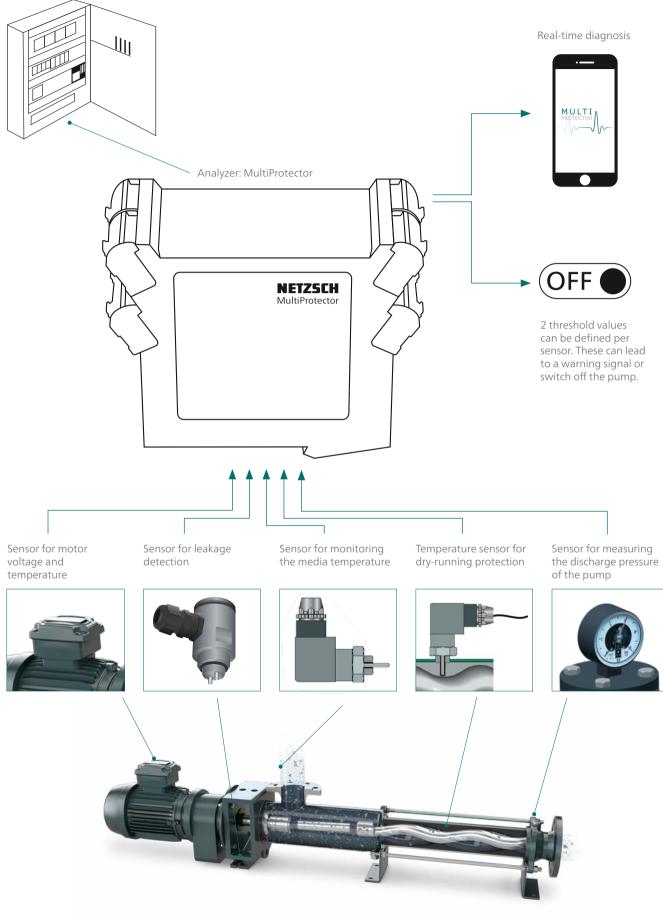
With the "MultiProtector" app, handling is very easy

The MultiProtector pump protection unit can be connected to mobile devices such as smartphones, tablets or laptops. With the app, you can set the threshold values on the device, display the pump's sensor data in real-time and generate reports.



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	Part-No. 22A7 Supply AC 5	0/60Hz 100-2	40V 9VA	made by KRIWAN		and a
2	Part-No. 22A7 Supply AC 5 T _a -30+70°	701P071 60/60Hz 100-2 °C		made by KRIWAN	5	7
	Part-No. 22A7 Supply AC 5 T _* -30+70° Relay AC 24	701P071 60/60Hz 100-2 °C 40V 2.5A C30	0		1	
	Part-No. 22A7 Supply AC 5 T _s -30+70° Relay AC 24 Configurable	701P071 60/60Hz 100-2 C 40V 2.5A C30 Inputs	0 Terminals	Adjustable range		
	Part-No. 22A7 Supply AC 5 Ta - 30+70° Relay AC 24 Configurable Line voltage 3	701P071 50/60Hz 100-2 C 40V 2.5A C30 inputs 1 AC 20-100Hz	0 Terminals	Adjustable range		
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	Part-No. 22A7 Supply AC 5 Ts. 30+70* Relay AC 24 Configurable Line voltage 3 Motortempera Temperature Temperature	701P071 10/60Hz 100-2 C 10V 2.5A C30 10Puts 1 AC 20-100Hz 1	0 Terminals L1, L2, L3 T1, T2 T3, T4 T5, T6	Adjustable range 100-690V Birnetali, PTC, P11000, P1100 PTC, P11000, P1100 PTC, P11000, P1100		
	Part-No. 22A7 Supply AC 52 T _a -30+70° Relay AC 24 Configurable Line voltage 3 Motortempera Temperature Temperature Lange 6	701P071 10/60Hz 100-2 C 10V 2.5A C30 10Puts 1 AC 20-100Hz 1	0 Terminals L1, L2, L3 T1, T2 T3, T4 T5, T6 E1, E2	Adjustable range 100-690V Bimetal, PTC, P1000, P1100 PTC, P11000, P1100		
	Part-No. 22A7 Supply AC 5 T ₆ - 30+70 Relay AC 24 Configurable Line voltages 3 Motortempera Temperature Lestege 1 Lestege 1	701P071 IO/60Hz 100-2 IC IOV 2.5A C300 Inputs IAC 20-100Hz sture 1 2	Terminals L1, L2, L3 T1, T2 T3, T4 T5, T6 E1, 62 E3, 84	Adjustable range 100-690V Bimetal, PTC, P1000, P1100 PTC, P11000, P1100 PTC, P11000, P1100 100-1140 100-1140		
	Part-No. 22A7 Supply AC 52 T _a -30+70° Relay AC 24 Configurable Line voltage 3 Motortempera Temperature Temperature Lange 6	701P071 IO/60Hz 100-2 IC IOV 2.5A C300 Inputs IAC 20-100Hz sture 1 2	0 Terminals L1, L2, L3 T1, T2 T3, T4 T5, T6 E1, E2	Adjustable range 100-690V Birnetali, PTC, P11000, P1100 PTC, P11000, P1100 PTC, P11000, P1100 106: 11461		
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	Part-No: 22A7 Supply AC 52 Ts -30+70* Relay AC 24 Configurable Line voltage 3 Motortempera Temperature Temperature Leanage 1 Leanage 3 Conrect Neg Object	701P071 100/60Hz 100-2 C 100V 2.5A C30 100V 2.5A C30 100V 2 100V	0 Terminals L1, L2, L3 T1, T2 T3, T4 T5, T6 E1, 62 E3, E4 T6, 5 E4, E4 T6, 5 E4, E4 E5, E4 E5, E4 E5, E4 E5, E4 E5, E4 E5, E4 E5, E5, E5 E5, E5, E5 E5, E5, E5 E5, E5, E5 E5, E5, E5, E5	Adjustable range 100-690V Bimetas, PTC, P11000, P1100 PTC, P11000, P1100 PTC, P11000, P1100 108-11441 108-11441 0-2015A		
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Installed in a control cabinet



Anytime and anywhere Retrieve data and avoid downtime

With one click in the app, you can create a PDF report with error history, statistics and set parameters. You can use this for documentation or also for troubleshooting.





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