

Tender specification

INT69[®] YF Diagnose – Pump protection relay

The diagnose protection relay for universal protection of 3 x temperature, 1 x leakage, 1 x switching input, 1 x 4-20 mA signal and 1 x phase monitoring with phase sequence, phase failure, phase asymmetry, overvoltage and undervoltage. Additionally, switching frequency and operating hours can be monitored. Two parameterizable relays ensure the safe switch-off and the advance warning.

Parameterization and diagnostics are possible via the INTspector App and the USB-Gateway (INT600 DU Gateway) or the Bluetooth-Gateway (INT600 DB Gateway). All inputs and outputs are configurable. The data can be transmitted to external systems via the Diagnostic Port (DP) and the Modbus Gateway (INT600 DM Gateway).

Technical data

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| Dimensions (HxWxD): | 127 mm x 45 mm x 117 mm |
| Connection type: | Removeable push-in terminals |
| Mounting: | Switching cabinet installation; DIN rail 35 mm |
| Ambient temperature: | -30 °C ≤ Ta ≤ +70 °C |
| Interface: | Diagnostic Port (DP) |
| Display: | LED for function control via blink code |
| Phase monitoring: | 3 phases; 20-100 Hz ~ 60–690 V ~ ±10 % |
| Motor temperature: | PTC; Pt100; Pt1000; bimetal; external relay contact |
| Temperature 1 & 2: | PTC; Pt100; Pt1000 |
| Leakage: | 5 kΩ–1.5 MΩ |
| Switching input: | Float switch; external reset |
| Analog input: | 0-20 mA/4-20 mA |
| Relay 1 & 2: | Contact min. 24 V ~/= 20 mA; Rating data (UL/CSA) max. 240 V ~ 2.5 A C300; Nominal load (ohmic) 250 V ~ 10 A |
| Certification: | UL File No. E473026 cURus; |
| Manufacturer: | KRIWAN Industrie-Elektronik GmbH |
| Type: | INT69 YF Diagnose |
| Part number: | 20A701P081 (24 V ~/= 50/60 Hz) 22A701P081 (100–240 V ~ 50/60 Hz) |
| Accessories: | INT600 DU Gateway; PN 02S365S21; (USB-Gateway; direct connection between INT69 YF Diagnose and PC, smartphone or tablet) INT600 DB Gateway; PN 02S377S021 (Bluetooth-Gateway; direct connection between INT69 YF Diagnose and PC, smartphone or tablet) |

INT600 DM Gateway; PN 22S371
(Modbus-Gateway; for integration of the INT69 YF
Diagnose in the system control)

DP-cable; PN FK02098077
(Plug angled-angled; length 1.00 m;
for the connection of the INT69 YF Diagnose to the
INT600 DM Gateway)