

Tender specification

INT69[®] YF Diagnose – Pump protection relay

The diagnose protection relay for universal protection of 3 x temperature, 2 x leakage, 1 x 4-20 mA signal and 1 x phase monitoring with phase sequence, phase failure, overvoltage, undervoltage and phase asymmetry. Additionally, switching frequency and operating hours can be monitored. An alarm relay and a warning relay ensure the safe switch-off and the advance warning.

Parameterization and diagnose 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 Diagnose Port (DP) and the Modbus Gateway (INT600 DM Gateway).

Technical data

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:	Diagnose Port (DP)
Display:	LED for function control via blink code
Phase monitoring:	3 phases; 100–690 V ±10 %; 50/60 Hz ~ ±10 %
Motor temperature:	PTC; Pt100; Pt1000; bimetal
Temperature 1 & 2:	PTC; Pt100; Pt1000
Leakage 1 & 2:	10 kΩ–1 MΩ; switching input (NO; NC)
Analog input:	0-20 mA/4-20 mA
Relay:	Alarm relay and warning relay; 2 x 240 V ~; 2.5 A
Certification:	UL
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:	<p>INT600 DU Gateway; PN 02S365S21; (USB-Gateway; direct connection between INT69 YF Diagnose and PC, smartphone or tablet)</p> <p>INT600 DB Gateway; PN 02S377S021 (Bluetooth-Gateway; direct connection between INT69 YF Diagnose and PC, smartphone or tablet)</p> <p>INT600 DM Gateway; PN 22S371 (Modbus-Gateway; for integration of the INT69 YF Diagnose in the system control)</p>

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