# TEXMATE

Since 1976

## Smart Metering Smart Control

## Feature Comparision for Modular Product Families

| Feature | Example | Lynx | Leopard | Tiger |
|---|---|---|---|---|
| **INPUTS** | | | | |
| 30+ Signal Conditioning Options | mV/V, mA/A, Hz, Process, Ohms, Temp | ✔ | ✔ | ✔ |
| 40+ Signal Conditioning Options | Above + Pressure, Load Cell, Dual Process | ✘ | ✔ | ✔ |
| 140+ Signal Conditioning Options | Above in Dual/Triple/Quad and High Resolution, RMS V/A, Power, Speciality | ✘ | ✘ | ✔ |
| **DISPLAYS** | | | | |
| High Readability Digital Display (digits) | | 3.5, 4, 4.5 | 4 | 5, 6, 8 |
| Bargraph Display (segments) | | 31/101 | 51, 101, dual 101 | 51, 101 |
| Combo Digital and Bargraph Display (digits/segments) | | ✘ | 4/51, 4/101 | 5/51, 5/101 |
| Dual Display (digits) | | ✘ | ✘ | 6, 8 (LCD) |
| Triple Digital Display (digits) | Volts, Amps, Hertz | ✘ | ✘ | ✔ |
| Annunciators | alarm indicators | ✘ | Up to 4 | Up to 6 |
| **OUTPUTS** | | | | |
| Adjustable Setpoints | | Up to 2* | Up to 4 | Up to 6 |
| Relay Outputs | 4A or 9A UL rated | Up to 2* | Up to 4* | Up to 6 |
| Hystersis | | ✘ | ✔ | ✔ |
| Delay on Make, Delay on Brake | | ✘ | Up to 2* | ✔ |
| SSR Outputs | | ✘ | Up to 4* | Up to 6 |
| Process Outputs | 4-20mA, 0-10VDC | 1* | 1 | 1 or 2 |
| Digital I/O | 5VDC, open collector | ✘ | ✘ | 6 in / 6 out  6 in / 16 out* |
| **FUNCTIONS** | | | | |
| Conversion Rate (samples per second) | | 3 | 5 | up to 960 |
| Manual Scaling | | ✘ | ✔ | ✔ |
| Automatic Scaling | | ✘ | ✔ | ✔ |
| Signal Conditioning | Filter, average, square root | ✘ | ✘ | ✔ |
| Linearization (4 channels @ 32pt or 1 channel @ 125pt) | | ✘ | ✘ | ✔ |
| 4 Input Channels with cross-Channel math | add, subtract, multiply, divide | ✘ | ✘ | ✔ |
| Two Totalizers (accumulate over time) | | ✘ | ✘ | ✔ |
| PID (dual) | | ✘ | ✘ | ✔ |
| Structured Text Programmability (TexBASIC) | Optional, Advanced applications | ✘ | ✘ | ✔ |
| Communication (RS-232, RS-485, Ethernet (Modbus,ASCII)) | Optional | ✘ | ✘ | ✔ |
| Real Time Clock | Optional | ✘ | ✘ | ✔ |
| Datalogging with Flash Card Memory | Optional | ✘ | ✘ | ✔ |

CE

RoHS COMPLAIANT

c(UL)us LISTED E469078

MADE IN U.S.A.

*Limited to particular models

(z670)