

DIN RAIL MOUNT LIMIT CONTROLLER – DCL33ARMT7887

• Limit Control Function Specifications

1 Setpoint, high-low-limit control type, and latching limit action

• Structure

DIN rail mount

• Programmable Alarms

Units Feature standard single alarm output (24V open collector)

• True Multi-Input

Units feature true multi-input capabilities: 10 thermocouple types, 1 RTD type, 2 current inputs and 4 voltage inputs

• Large LED Display

All units feature dual display. PV red 4 digits, SV green 4 digits

• Modbus Protocol with RS485 (Option)

Units offer communications capabilities.

• Safety Approvals

UL, cUL and CE Safety Approvals

• Warranty

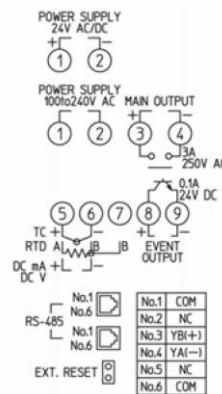
All units manufactured to strict ISO standards and offer full 3 year manufacturer's warranty.

• Low Cost

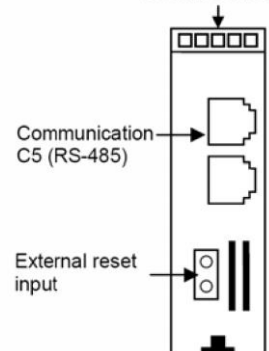
Most advanced price / performance package available



• Terminal arrangement



Bottom of the unit



- MAIN OUTPUT: Limit control output
- EVENT OUTPUT: Alarm output
- RS-485: Serial communication (C5 option)
- TC: Thermocouple input
- RTD: RTD input
- DC: DC current, DC voltage input
- EXT. RESET: External reset input (DI option)

For DC current input, 50Ω shunt resistor must be connected between input terminals.

DCL - 33	A - R / M	T7887, □ □ □	W22.5 x H75 x D100mm
Alarm	A		Alarm output (Alarm type can be selected by keypad) *1
Control output	R		Limit control output (Relay contact, 1a)
Input		M	Multi-range *2
Control action		T7887	High limit, Low limit control action
Supply voltage		1	100 to 240V AC (standard) 24V AC/DC *3
Options		C5	Serial communication (RS-485)
		DI	External reset input

*1. Alarm actions (9 types and no alarm action) and Energized/Deenergized can be selected by keypad.

*2. Thermocouple, RTD, DC current, and DC voltage can be selected by keypad.

*3: Supply voltage 100 to 240V AC is standard. When ordering 24V AC/DC, enter "1" after the control action code.