

DEFINE-MERLIN-R2A Cut Sheet



Define Instruments digital panel meter, panel mount, 1/8 DIN, 20mm 4-digit red LED, current, voltage, RTD, thermocouple, thermistor, pulse or potentiometer input, 4–20 mA or 20–4 mA, (2) 3A (total) SPST relays output, 24–250 VAC / 19.5–250 VDC operating voltage.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/DEFINE-MERLIN-R2A>

Technical Specifications

Brand	Define Instruments
Item	Digital panel meter
Mounting	Panel
Mounting Hole Size	1/8 DIN
Display Type	20mm 4-digit red LED
Input	Current, voltage, RTD, thermocouple, thermistor, pulse or potentiometer
Input Current Signal Range	0–20 mA and 4–20 mA
Input Voltage Signal Range	±200 mVDC, -200 mVDC-1 VDC, ±10 VDC, 0–10 VDC, -10 to +30 VDC and 0–300 VDC

Input Thermocouple Signal Type	J, K, N, T, E, R, S, B
Input RTD Signal Types	Pt100 and Pt1000
Input Potentiometer Signal Range	0–1k ohm, 1–4k ohm and 4–20k ohm
Input Pulse/Frequency Signal Type	NPN, PNP
Output	4–20 mA or 20–4 mA, (2) 3A (total) SPST relays
Operating Voltage	24–250 VAC / 19.5–250 VDC

Agency Approvals

UL Listed File #	E473114
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below)
EU REACH	View EU REACH document
Other	RoHS Statement

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/DEFINE-MERLIN-R2A.pdf>
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