



RDMV454896H/RDMV454896TH



RDMV457214/RDMV457214H/
RDMV457214T



RDMA459696H/RDMA459696TH

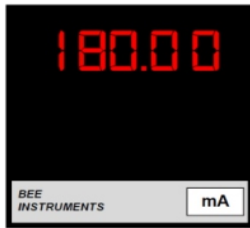
Specifications

# Measuring Method	Dual Slope A/D Conversion	# Crest Factor	4 (max.) TRMS accuracy specified for sinewave input
# Sampling Rate	2.5 Samples per Second	# Faceplate / Lens	Red Antiglare Faceplate with Annunciators
# Display Type	Red LED Super Bright Display	# Environment	Calibration : 27°C±5°C, Operating : 0 to 50°C, RH<70% Storage : -10 to 60°C, RH<70%
# Maximum Display	19999 Counts	# Dielectric Strength	2.5 kV at 50Hz for 1 min. between Input - Auxiliary - Case - Terminals
# Resolution	0.0001 to 1 Count depending on range	# Case / Housing Material	DIN Black ABS, Dimension as per DIN 43700
# Polarity Indication	" - " is indicated for Negative Input	# Mounting Clamps	Sturdy, Moulded ABS with suitable Hardware
# Decimal Selection	Field Selectable	# Connectors	Terminal Block : Thermoplastic(UL 94V-0) with Tin Plated Brass Terminals
# Over Range Indication	" 0000"	# Display Stability	Within±2 Digits
# Maximum Overload	Voltage : 1.2 times continuous Current : 2 times continuous		
# V A Burden(Typical)	Auxiliary (110 / 230V AC) :<5VA Auxiliary (SMPS) :<2.5VA Voltage :<0.1VA Current :<0.5VA,<0.2VA in 20A		
# Frequency Response	40 - 400Hz		

Model	Input	Range	Auxiliary Power Supply			Accuracy Class				Display Digit Height	
			110/ 230 VAC	SMPS-LV 19-90V AC/DC	SMPS-HV 85-265V AC/DC	0.1	0.2	0.5	1	0.56"/14.2mm	
RDMV454896H/ RDMV459696H	DC	mV	0 - 200mV	✓	✓	✓	✓	✓	✓	✓	✓
		V	0 - 2, 20, 200V	✓	✓	✓	✓	✓	✓	✓	✓
		V	0 - 1000V	✓	✓	✓	✓	✓	✓	✓	✓
		Zero Supp	1 - 5V	✓	✓	✓	✓	✓	✓	✓	✓
RDMA454896H/ RDMA459696H	DC	mA	0 - 2, 20, 200mA	✓	✓	✓	✓	✓	✓	✓	✓
		A	0 - 2, 5A	✓	✓	✓	✓	✓	✓	✓	✓
		Zero Supp	4 - 20mA	✓	✓	✓	✓	✓	✓	✓	✓
RDMV454896TH/ RDMV459696TH	TRMS	V	0 - 2, 20, 200, 750V	✓	✓	✓	-	-	-	✓	✓
		A	0 - 2, 5A	✓	✓	✓	-	-	-	✓	✓

Dimensions(mm)

Model	RDMV454896H/ RDMV454896TH	RDMV459696H/ RDMV459696TH	RDMV457214/ RDMV457214T	RDMV451414/ RDMV451414T	RDMV459628
Front	48 x 96	96 x 96	72 x144	144 x144	96 x 288
Depth (Behind Bezel)	88	90	110	110	110
Panel Cut-Out	44 ^(+0.5,-0.0) x 92 ^(+0.8,-0.0)	92 ^(+0.5,-0.0) x 92 ^(+0.8,-0.0)	68 ^(+0.5,-0.0) x 138 ^(+0.8,-0.0)	138 ^(+0.5,-0.0) x 138 ^(+0.8,-0.0)	92 ^(+0.5,-0.0) x 282 ^(+0.8,-0.0)



RDMA451414, RDMA451414T



RDMV451414H, RDMV451414TH



RDMV459628

Model	Input		Range	Auxiliary Power Supply (any one only)		Accuracy Class				Display Digit Height		
				110 / 230 VAC	24 / 48 / 110 / 220V DC	0.1	0.2	0.5	1	1" / 25.4mm	2.3" / 58mm	
RDMV457214H/ RDMV451414H/ RDMV459628H	DC	mV	0 - 200mV	√	SMPS-LV 19-90V AC/DC or SMPS-HV 85-265V AC/DC Only	√	√	√	√	√	-	
		V	0 - 2, 20, 200V	√		√	√	√	√	√	-	
		V	0 - 1000V	√		√	√	√	√	√	-	
		Zero Supp	1 - 5V	√		√	√	√	√	√	-	
	AC	V	0 - 2, 20, 200, 750V	√		-	-	√	√	√	-	
RDMA457214H/ RDMA451414H/ RDMA459628H	DC	mA	0 - 2, 20, 200mA	√		√	√	√	√	√	√	-
		A	0 - 2, 5A	√		√	√	√	√	√	-	
		Zero Supp	4 - 20mA	√		√	√	√	√	√	-	
	AC	A	0 - 2, 5A	√		√	√	√	√	√	-	
RDMV457214TH/ RDMV451414TH RDMA457214TH/ RDMA451414TH	TRMS	V	0 - 2, 20, 200, 750V	√		-	-	-	√	√	-	
		A	0 - 2, 5A	√		-	-	-	√	√	-	
RDMV459628H	DC	mV	0 - 200mV	√		√	√	√	√	√	-	√
		V	0 - 2, 20, 200V	√		√	√	√	√	√	-	√
		V	0 - 1000V	√	√	√	√	√	√	-	√	
		Zero Supp	1 - 5V	√	√	√	√	√	√	-	√	
	AC	V	0 - 2, 20, 200, 750V	√	-	-	√	√	√	-	√	
RDMA459628H	DC	mA	0 - 2, 20, 200mA	√	√	√	√	√	√	-	√	
		A	0 - 2, 5A	√	√	√	√	√	√	-	√	
		Zero Supp	4 - 20mA	√	√	√	√	√	√	-	√	
	AC	A	0 - 2, 5A	√	-	-	√	√	√	-	√	

Ordering Information : Model, Input Range, CTR / PTR, Scale Display, Auxiliary Supply, Accuracy Class & Display Height

Terminal Connection



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RDMV457214/RDMV457214H
RDMV457214T/RDMV457214TH



RDMV459628



RDMV451414, RDMV451414T