*HQHUDO FKDUDFWHULVWLFV

%UHDN SURRI SODVWLF KRXVLQJ PDG
1RQ IODPPDEOH DQG VHOI H[WLQJXLVK
3URWHFWLRQ DJDLQVW XQDXWKRUL]HG
FRQQHFWLRQV E\ PHDQV RI VHDODEOH
/RFN SURWHFWLRQ SUHYHQWV DFFLGH

&HUWL DWLRQV

CE

,QSXW 2XWSXW 6SHFLILFDWLRQV

5DWHG SULPDU\ UDWLQJ $WR $
5DWHG VHFRQGDU\ RXW SXW

7HFKQLFDO 6SHFLILFDWLRQV

5DWHG %XUGHQ 9
&ODVV RI DFFXUDF\
6\VWHP IUHTXHQF\ +]
6\VWHP YROWDJH 8P N9
,VRODWLRQ WHVW YROWDJH RU PLQ
2YHUORDG ZLWKVWDQG RI LQ 5DWHG FXUUHQW
7KHUPDO VKRUW FLUFXLW FXUUHQW OWK
'XQDPLF VKRUW FLUFXLW FXUUHQW OG\Q
,QVXODWLRQ FODVV (& PD[
$SSOLFDEOH VWDQGDUG &

(QYLURQPHQWDO 6SHFLILFDWLRQV

$PELHQW WHPSHUDWXUH & WR &
+XPLGLW\ 5+ QRQ FRQGHQVLQJ

0RXQWLQJ

0RXQWLQJ PRGHV %DVH PRXQWLQJ %XVEDU PRXQWLQJ :DOO PRXQWLQJ

$OO GLPHQVLRQV LQ PP

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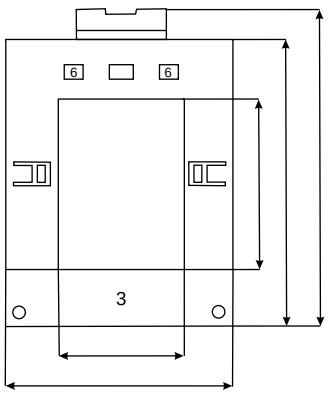

$OO GLPHQVLRQV LQ PP

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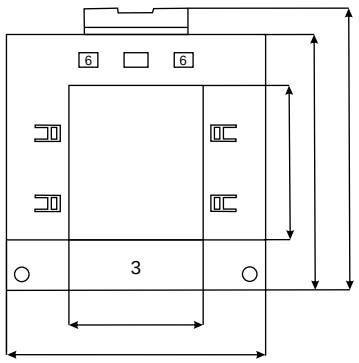

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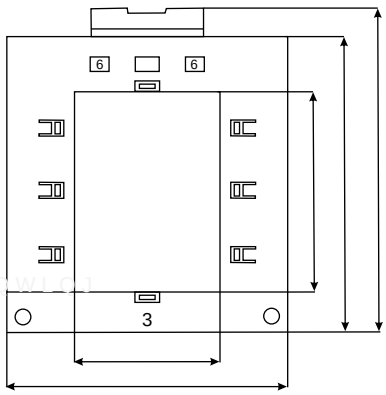

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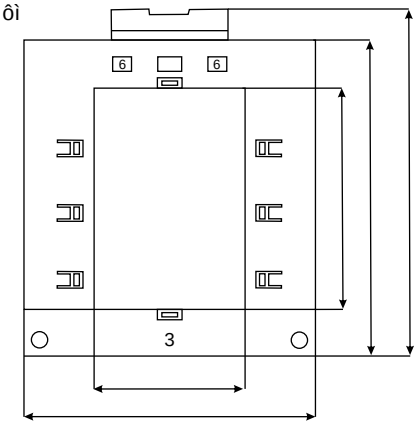
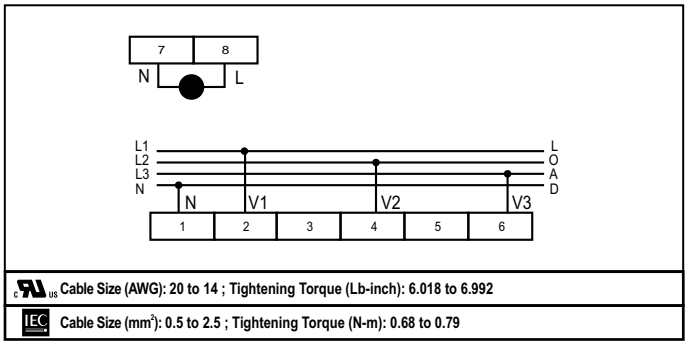


Mounting	Panel mount
Bezel size	72mm x 72mm
Overall depth	50mm
Weight	206gm
Torque at terminals	0.68 N-m to 0.79 N-m
Wire gauge at terminals	20 to 14 AWG; 75°C
Mounting position	Vertical

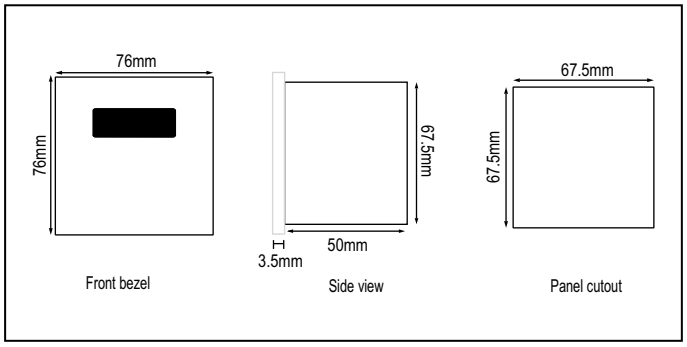
Terminal connections



Cable Size (AWG): 20 to 14 ; Tightening Torque (Lb-inch): 6.018 to 6.992

Cable Size (mm^2): 0.5 to 2.5 ; Tightening Torque (N-m): 0.68 to 0.79

Dimensions (All are in mm)



Standards compliance

Category	Standards	Compliance
ESD Immunity	IEC 61000 - 4 - 2	Level IV (Air discharge : 8kV), (Contact discharge : 4kV)
Surge immunity	IEC 61000 - 4 - 5	+ / - 2kV Common mode, (Line to ground)
Radiated susceptibility	IEC 61000 - 4 - 3	Level III, 80 to 1000MHz (10V / m) Level II, 1.4GHz to 2GHz (3V / m) Level I, 2GHz to 2.7GHz (1V / m)
Conducted susceptibility	IEC 61000 - 4 - 6	Level II (3V / m)
Voltage dips and interruptions	IEC 61000 - 4 - 11	**Dips :** 0% Residual voltage / 1 Cycle (Criteria B), 40% Residual voltage / 10 Cycles 50Hz / 12 Cycles 60Hz (Criteria C), 70% Residual voltage / 25 cycles 50Hz / 30 Cycles 60Hz (Criteria C) **Interruptions :** 0% Residual voltage / 250 Cycles 50Hz / 300 Cycles 60Hz(Criteria C)
Conducted emission	CISPR - 11	
Radiated emission	CISPR - 11	
Electrical fast transient	IEC 61000 - 4 - 4	Level III (2kV)

Ordering information

MV2307-230V-CE	240V AC ±20%	CE
MV2307-110V-CE	110V AC, ±20%	CE cULus LISTED