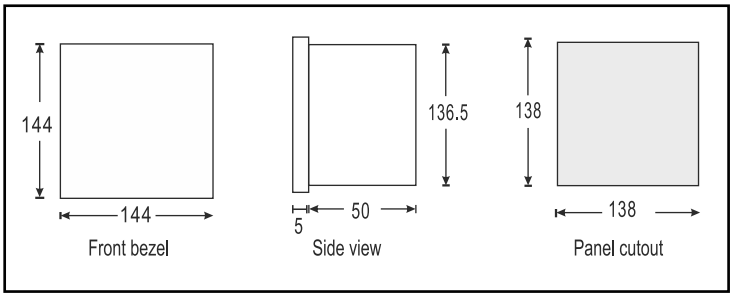
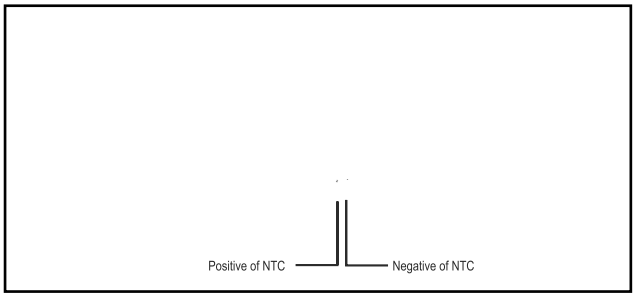
Input voltage range	90 - 550V AC
Consumption	15VA max
Frequency	50 - 60 Hz
Target PF	0.8 lag to 0.8 lead
Switching program	Automatic / Linear / Rotational
Control Sensitivity	55 to 100%
Step time	1 to 999 sec
Discharge time	1 to 999 sec
Control Mode	Automatic / Manual
Auto initialization	Yes / No
Temperature	Operating : 0°C to 60°C Storage : -20°C to 60°C
Humidity	Up to 95% RH without moisture consideration
Mounting	Panel mount
Weight	528gms (For 12 stage variant) 508gms (For 8 stage variant)

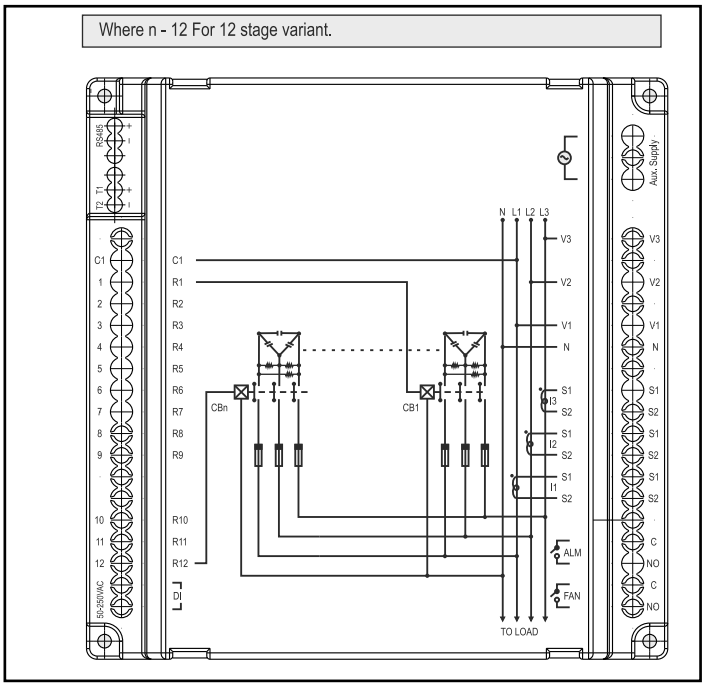
Dimensions (in mm)



NTC Temperature Sensor



Terminal Connections



Standards Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category	**Standards**	**Standards Compliance**
ESD Immunity	IEC 61000-4-2	Level IV (Air discharge : 15kV), (Contact Discharge : -8kV)
Surge Immunity	IEC 61000-4-5	+/- 2kV common mode, (Line to ground) +/- 1kV differential mode, (Line to Line)
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

Product Code			
APFC148-308-90 / 550V-CE	90/ 550V AC, 50/ 60Hz	8	CE
APFC148-312-90 / 550V-CE	90 - 550V AC, 50/60Hz	12	CE