



ID	TYPE	SENSOR / SIGNAL TYPE	DESCRIPTION
AI1	ANALOG INPUT	NTC 10KΩ - TYPE 3	CHILLED WATER SUPPLY TEMPERATURE °C
AI2	ANALOG INPUT	NTC 10KΩ - TYPE 3	CHILLED WATER RETURN TEMPERATURE °C
AI3	ANALOG INPUT	NTC 10KΩ - TYPE 3	OPTIONAL TANK TEMPERATURE °C
AI4	ANALOG INPUT	SPARE	NOT USED
AI5	DIGITAL INPUT	DRY CONTACT	COOLING DEMAND / CLOSED DEMAND / OPEN NO DEMAND
AI6	ANALOG INPUT	NTC 10KΩ - TYPE 3	FLOOR TEMPERATURE SENSOR FOR BARE CONCRETE FLOOR WITH 0 R VALUE
AI7	ANALOG INPUT	NTC 10KΩ - TYPE 3	FLOOR TEMPERATURE SENSOR FOR CERAMIC TILES FLOOR WITH 0.4 R VALUE
AI8	ANALOG INPUT	NTC 10KΩ - TYPE 3	FLOOR TEMPERATURE SENSOR FOR HARDWOOD FLOOR WITH 1.0 R VALUE
K1	DIGITAL OUTPUT	24V RELAY	PROOF OF CHILLED WATER TEMPERATURE RESET Vs DEW POINT TEMPERATURE OF AMBIENT AIR / CLOSED DEW POINT RESET IS ON
K2	DIGITAL OUTPUT	24V RELAY	NOT USED
K3	DIGITAL OUTPUT	24V RELAY	NOT USED
K4	DIGITAL OUTPUT	24V RELAY	NOT USED
K5	DIGITAL OUTPUT	24V RELAY	NOT USED
AO1	ANALOG OUTPUT	2-10V OR 0-10V	MODULATING 3 WAY VALVE FOR MIXING CHILLED WATER RETURN WITH SUPPLY / OR MODULATING 2 WAY VALVE AT THE MIXING BYPASS
AO2	ANALOG OUTPUT	2-10V OR 0-10V	MODULATING 2 WAY VALVE AT THE EXIT OF THE CHILLED WATER TANK

TDPR-01	CHILLED WATER TEMP. RESET Vs AMBIENT AIR DEW POINT TEMP.	Article No./Reference			
Designed by DAPHNE_GARNEAU	Checked by ROGER_ABDO	Approved by - date RA-202210/03	File name TRCHWDPA1FS13WAYNCOM0001	Date 2022/03/01	Scale NTS

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	DWG.NO.:TRCHWDPA1FS13WAYNCOM0001	REVISION 0	Sheet 1	