

SOLAR ANALYTICS

KR-63 INSTALLATION CHEATSHEET

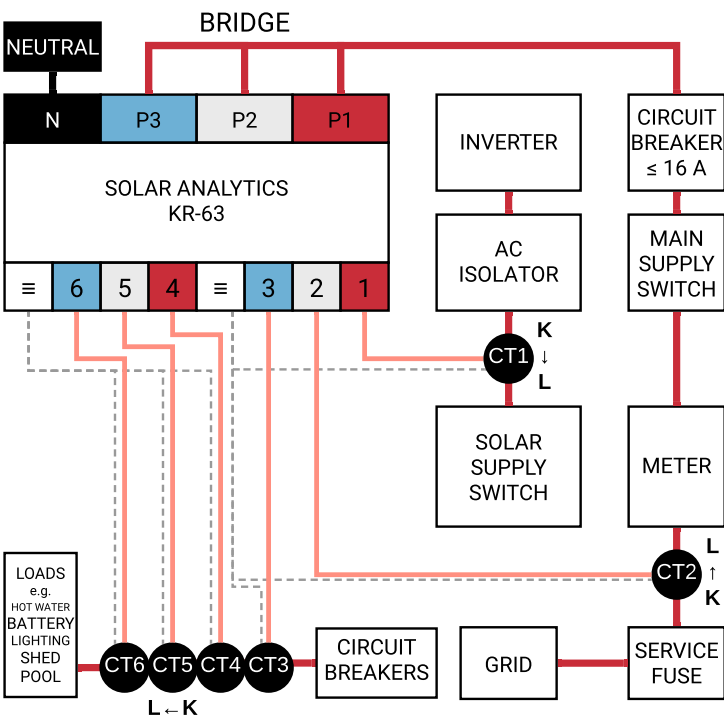
INSTALLATION NOTES

CIRCUIT BREAKER - IT DOESN'T HAVE TO BE A DEDICATED CIRCUIT BREAKER - THE RATING HAS TO BE ≤ 16 A, OR, WARRANTY IS VOID! - IF POSSIBLE, DO NOT POWER THE DEVICE FROM SOLAR SWITCH	CT (CURRENT TRANSFORMERS) - K: SOURCE OF POWER (E.G. INVERTER, GRID) - L: LOADS (HOUSE, BATTERY, GPO, ETC.) - PINK: ACTIVE - WHITE: NEUTRAL - ONLY USE CTs SUPPLIED BY SOLAR ANALYTICS, OR, WARRANTY IS VOIDED! - PREVENT THE CT(s) TO BE SANDWICHED BY NEARBY CABLES TO MINIMISE ELECTROMAGNETIC INTERFERENCE - WHOLE SITE CONSUMPTION CT(s) HAS TO BE BETWEEN THE SERVICE FUSE AND THE METER, OR, THE METER AND THE MAIN SUPPLY SWITH TO CAPTURE THE NET CONSUMPTION - NOT COMPATIBLE WITH ROGOWSKI CTs
POWER AND PHASING P1 — RED - THE POWER SOURCE OF THE DEVICE - VOLTAGE AND PHASE REFERENCE OF CH. 1 AND CH. 4 P2 — WHITE - VOLTAGE AND PHASE REFERENCE OF CH. 2 AND CH. 5 P3 — BLUE - VOLTAGE AND PHASE REFERENCE OF CH. 3 AND CH. 6	
CONNECTIVITY - REMEMBER TO ATTACH THE ANTENNA - DON'T GO TO A SITE WITHOUT A HI-GAIN ANTENNA - IF YOU INSTALL MORE THAN ONE DEVICE, TO MINIMISE INTERFERNC, THEY NEED TO BE AT LEAST TWO POLES APART	

INSTALLATION RECORDS

INSTALLER NAME	OWNER NAME
DEVICE S/N	SITE ADDRESS
NUMBER OF PHASE(S) ON SITE	
NUMBER OF PHASE(S) OF THE INVERTER	

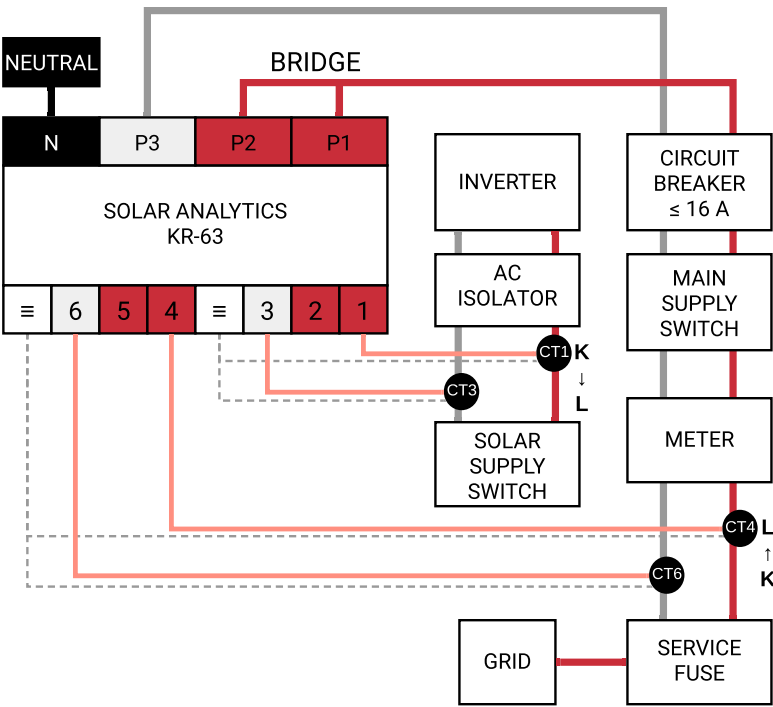
SINGLE-PHASE INSTALLATION



SINGLE-PHASE REGISTRATION ON DASHBOARD	
CHANNEL 1	SOLAR GENERATION
CHANNEL 2	WHOLE SITE CONSUMPTION
CHANNEL 3	E.G. HOT WATER
CHANNEL 4	E.G. POOL
CHANNEL 5	E.G. POWERPOINTS / GPO
CHANNEL 6	E.G. AIR CONDITIONER

NOTES
POWER AND PHASING REMEMBER TO BRIDGE P1 TO P2 AND P3
CT (CURRENT TRANSFORMERS) PLACE CT2 BETWEEN THE SERVICE FUSE AND THE METER, OR, BETWEEN THE METER AND MAIN SUPPLY SWITCH

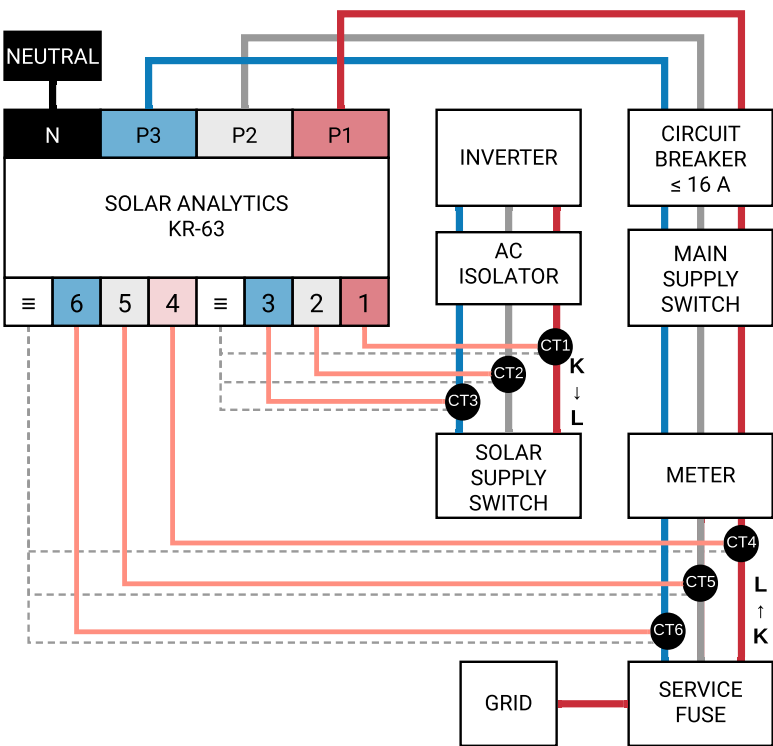
DUAL-PHASE INSTALLATION



THREE-PHASE REGISTRATION ON DASHBOARD	
CHANNEL 1	SOLAR GENERATION
CHANNEL 2	E.G. SUB-CIRCUIT PHASE 1
CHANNEL 3	SOLAR GENERATION
CHANNEL 4	WHOLE SITE CONSUMPTION (PHASE 1)
CHANNEL 5	E.G. SUB-CIRCUIT PHASE 1
CHANNEL 6	WHOLE SITE CONSUMPTION (PHASE 2)

NOTES
POWER AND PHASING TO LOOP THE DOMINANT PHASE — E.G. IF THERE ARE MORE SUB-CIRCUITS ON THE SECOND PHASE, P1 AND P2 TO BE CONNECTED TO THE SECOND PHASE
CT (CURRENT TRANSFORMERS) SOLAR GENERATION CAN BE MEASURED ON EITHER CT1 OR CT3 DEPENDING ON WHICH PHASE THAT THE INVERTER IS CONNECTED TO PLACE CT4 AND CT6 BETWEEN THE SERVICE FUSE AND THE METER, OR, BETWEEN THE METER AND MAIN SUPPLY SWITCH PHASING OF THE CTs CAN BE CHANGE BY SOLAR ANALYTICS UPON REQUEST

THREE-PHASE INSTALLATION



THREE-PHASE REGISTRATION ON DASHBOARD	
CHANNEL 1	SOLAR GENERATION (PHASE 1)
CHANNEL 2	SOLAR GENERATION (PHASE 2)
CHANNEL 3	SOLAR GENERATION (PHASE 3)
CHANNEL 4	WHOLE SITE CONSUMPTION (PHASE 1)
CHANNEL 5	WHOLE SITE CONSUMPTION (PHASE 2)
CHANNEL 6	WHOLE SITE CONSUMPTION (PHASE 3)

NOTES
CT (CURRENT TRANSFORMERS) IF DEALING WITH A SINGLE PHASE INVERTER, SOLAR GENERATION CAN BE MEASURED ON EITHER CT1, CT2 OR CT3 DEPENDING ON WHICH PHASE THAT THE INVERTER IS CONNECTED TO FOR THREE PHASE INVERTER, REMEMBER TO MONITOR THE OUTPUT OF THE INVERTER ACROSS ALL PHASES ACCORDINGLY PLACE CT4, CT5, AND CT6 BETWEEN THE SERVICE FUSE AND THE METER, OR, BETWEEN THE METER AND MAIN SUPPLY SWITCH PHASING OF THE CTs CAN BE CHANGE BY SOLAR ANALYTICS UPON REQUEST TO MONITOR SUB-CIRCUITS, PLEASE CONTACT SALES TEAM FOR ADDITIONAL MONITORING UNIT