

CIRCUIT NUMBER	DESCRIPTION	LIGHTING OUTLET	CONV OUTLET	SWITCHES				VOLT	AMPERE	VOLT-AMP	SIZE OF WIRE	SIZE OF CONDUIT	CB RATING	
				S1	S2	S3	S3W				in sq. mm (TW Cu.)	in mm dia. (PVC)	POLE	AMP-TRIP
1	LIGHTING OUTLET	10		2	2			230	4.35	1000	2.0	20	2	15
2	LIGHTING OUTLET	13		1	3			230	5.65	1300	2.0	20	2	15
3	LIGHTING OUTLET	12		2	3			230	5.22	1200	2.0	20	2	15
4	CONVENIENCE OUTLET		8					230	6.96	1600	3.5	20	2	20
5	CONVENIENCE OUTLET		8					230	6.96	1600	3.5	20	2	20
6	3.5kW Water Heater		1					230	15.20	3500	3.5	20	2	20
7	1 hp A.C.U.		1					230	8.00	1840	3.5	20	2	30
8	0.75 hp A.C.U.		1					230	6.90	1587	3.5	20	2	20
9	SPARE							230	-	-	-	-	-	-
10	SPARE							230	-	-	-	-	-	-
	TOTAL	35	16	5	8			230	59.24	13627				

TW = moisture resistant thermoplastic	for dry & wet
THHN = heat resistant thermoplastic	for dry only
THW = moisture & heat resistant thermoplastic	for dry & wet
T = thermoplastic	for dry & wet
RHW = moisture & heat resistant rubber	for dry & wet

