CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: MSB-3-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 300A 4P MCCB

Drawing No: D2019-00162/ELECT/BLK2/MSLD/01

Incoming Cable (type & size): 1x4C 300mm² XLPE/SWA/PVC + 150mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: MSB-2

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	40A TPN MCCB	35mm² PVC/PVC	SB2-1/L	200	200	200	200	200	200	200	200	200	200	
P2	150A TPN MCCB	95mm² XLPE/PVC	SB2-1/P	200	200	200	200	200	200	200	200	200	200	
P3	150A TPN MCCB	95mm² XLPE/PVC	SB2-ACMV	200	200	200	200	200	200	200	200	200	200	
P4	20A TPN MCCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P5	20A TPN MCCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P6	100A TPN MCCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P7	100A TPN MCCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P8	63A TPN MCCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P9	40A TPN MCCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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Date: _____

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 SWITCH ROOM

Incoming Supply: EMSB-3-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 800A 4P MCCB

Drawing No: D2019-00162/ELECT/BLK2/MSLD/01

Incoming Cable (type & size): 3 SETS (1x4C 240mm² XLPE/SWA/PVC) + 120mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EMSB-2

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	40A TPN MCCB	35mm² PVC/PVC	ESB2-1/L	200	200	200	200	200	200	200	200	200	200	
P2	200A TPN MCCB	120mm² XLPE/PVC	ESB2-1/P	200	200	200	200	200	200	200	200	200	200	
P3	200A TPN MCCB	95mm² XLPE/PVC	ESB2-COM1	200	200	200	200	200	200	200	200	200	200	
P4	80A TPN MCCB	50mm² PVC/PVC	ESB2-COM3	200	200	200	200	200	200	200	200	200	200	
P5	250A TPN MCCB	150mm² XLPE/PVC	ESB2-ACMV	200	200	200	200	200	200	200	200	200	200	
P6	250A TPN MCCB	120mm² XLPE/PVC	SB-OG-1	200	200	200	200	200	200	200	200	200	200	
P7	40A TPN MCCB	16mm² PVC/PVC	EDB2-EXT	200	200	200	200	200	200	200	200	200	200	
P8	20A TPN MCCB	4mm² FR	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P9	63A TPN MCCB	25mm² FR	63A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P10	300A 4P MCCB	150mm² XLPE/PVC	300A 4P ISOL	200	200	200	200	200	200	200	200	200	200	
P11	100A TPN MCCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P12	63A TPN MCCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P13	63A TPN MCCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P14	250A TPN MCCB	120mm² XLPE/PVC	SB-OG-2	200	200	200	200	200	200	200	200	200	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: EMSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 35mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: ESB2-1/L

RCCB Test: Pass/~~Fail/N.A~~.

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	32A TPN MCB	16mm² PVC/PVC	EDB2-1/L	200	200	200	200	200	200	200	200	200	200	
P2	32A TPN MCB	16mm² PVC/PVC	EDB2-2A/L	200	200	200	200	200	200	200	200	200	200	
P3	32A TPN MCB	25mm² PVC/PVC	EDB2-2B/L	200	200	200	200	200	200	200	200	200	200	
P4	32A TPN MCB	16mm² PVC/PVC	EDB2-3A/L	200	200	200	200	200	200	200	200	200	200	
P5	32A TPN MCB	25mm² PVC/PVC	EDB2-3B/L	200	200	200	200	200	200	200	200	200	200	
P6	32A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P7	32A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: EMSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 200A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 95mm² XLPE/PVC + 50mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: ESB2-COM1

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	40A DP MCB	16mm² PVC/PVC	EDB2-BNET-1B	-	-	-	200	-	-	200	-	-	200	
L1P2	40A DP MCB	16mm² PVC/PVC	EDB2-CNET-1B	-	-	-	200	-	-	200	-	-	200	
L2P3	40A DP MCB	16mm² PVC/PVC	EDB2-E	-	-	-	-	200	-	-	200	-	200	
L2P4	40A DP MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P5	40A DP MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P6	40A DP MCB	16mm² PVC/PVC	EDB2-ANET-1B	-	-	-	-	-	200	-	-	200	200	
L1P7	63A DP MCB	25mm² PVC/PVC	EDB2-ANET-1A	-	-	-	200	-	-	200	-	-	200	
L1P8	63A DP MCB	25mm² PVC/PVC	EDB2-OTNET-1A	-	-	-	200	-	-	200	-	-	200	
L2P9	40A DP MCB	16mm² PVC/PVC	EDB2-BNET-1A	-	-	-	-	200	-	-	200	-	200	
L3P10	40A DP MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P11	40A DP MCB	16mm² PVC/PVC	EDB2-CNET-1A	-	-	-	-	-	200	-	-	200	200	
L3P12	63A DP MCB	25mm² PVC/PVC	EDB2-OTNET-1B	-	-	-	-	-	200	-	-	200	200	
L3P13	40A DP MCB	16mm² PVC/PVC	EDB2-SNET-1A	-	-	-	-	-	200	-	-	200	200	
L2P14	40A DP MCB	16mm² PVC/PVC	EDB2-SNET-1B	-	-	-	-	200	-	-	200	-	200	
L3P15	40A DP MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P16	150A TPN MCB	70mm² XLPE/PVC	EDB2-OTSNET-1A	200	200	200	200	200	200	200	200	200	200	
P17	150A TPN MCB	70mm² XLPE/PVC	EDB2-OTSNET-1B	200	200	200	200	200	200	200	200	200	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: EMSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 200A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 120mm² XLPE/PVC + 70mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: ESB2-1/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	32A TPN MCB	16mm² PVC/PVC	EDB2-1/P	200	200	200	200	200	200	200	200	200	200	
P2	32A TPN MCB	25mm² PVC/PVC	EDB2-2/P	200	200	200	200	200	200	200	200	200	200	
P3	40A TPN MCB	35mm² PVC/PVC	EDB2-3/P	200	200	200	200	200	200	200	200	200	200	
P4	40A TPN MCB	35mm² PVC/PVC	EDB2-DC1/P	200	200	200	200	200	200	200	200	200	200	
P5	40A TPN MCB	35mm² PVC/PVC	EDB2-DC2/P	200	200	200	200	200	200	200	200	200	200	
P6	40A TPN MCB	35mm² PVC/PVC	EDB2-DC3/P	200	200	200	200	200	200	200	200	200	200	
P7	32A TPN MCB	25mm² PVC/PVC	EDB2-P	200	200	200	200	200	200	200	200	200	200	
P8	32A TPN MCB	25mm² PVC/PVC	EDB2-O	200	200	200	200	200	200	200	200	200	200	
P9	32A TPN MCB	25mm² PVC/PVC	EDB2-OFF3B/P	200	200	200	200	200	200	200	200	200	200	
P10	32A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P11	40A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY ELECTRICAL RISER

Incoming Supply: EMSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 250A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 150mm² XLPE/PVC + 70mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: ESB2-ACMV

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	200A TPN MCCB	150mm² XLPE/PVC	EDB2-AC	200	200	200	200	200	200	200	200	200	200	
P2	63A TPN MCB	16mm² PVC/PVC	63A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P3	32A TPN MCB	35mm² PVC/PVC	EDB2-MV-1	200	200	200	200	200	200	200	200	200	200	
P4	40A TPN MCB	35mm² PVC/PVC	EDB2-MV-3	200	200	200	200	200	200	200	200	200	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: MSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 35mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: SB2-1/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	32A TPN MCB	25mm² PVC/PVC	DB2-1/L	200	200	200	200	200	200	200	200	200	200	
P2	32A TPN MCB	16mm² PVC/PVC	DB2-2A/L	200	200	200	200	200	200	200	200	200	200	
P3	32A TPN MCB	25mm² PVC/PVC	DB2-2B/L	200	200	200	200	200	200	200	200	200	200	
P4	32A TPN MCB	16mm² PVC/PVC	DB2-3A/L	200	200	200	200	200	200	200	200	200	200	
P5	32A TPN MCB	25mm² PVC/PVC	DB2-3B/L	200	200	200	200	200	200	200	200	200	200	
P6	32A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P7	40A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: MSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 150A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 95mm² XLPE/PVC + 50mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: SB2-1/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	32A TPN MCB	25mm² PVC/PVC	DB2-1/P	200	200	200	200	200	200	200	200	200	200	
P2	32A TPN MCB	25mm² PVC/PVC	DB2-2/P	200	200	200	200	200	200	200	200	200	200	
P3	32A TPN MCB	25mm² PVC/PVC	DB2-3/P	200	200	200	200	200	200	200	200	200	200	
P4	32A TPN MCB	25mm² PVC/PVC	DB2-OFF2A/P	200	200	200	200	200	200	200	200	200	200	
P5	32A TPN MCB	25mm² PVC/PVC	DB2-OFF2B/P	200	200	200	200	200	200	200	200	200	200	
P6	32A TPN MCB	25mm² PVC/PVC	DB2-OFF2C/P	200	200	200	200	200	200	200	200	200	200	
P7	40A TPN MCB	25mm² PVC/PVC	DB2-OFF3A/P	200	200	200	200	200	200	200	200	200	200	
P8	32A TPN MCB	35mm² PVC/PVC	DB2-OFF3C/P	200	200	200	200	200	200	200	200	200	200	
P9	32A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P10	32A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: MSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 150A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 95mm² XLPE/PVC + 50mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: SB2-ACMV

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	125A TPN MCCB	95mm² XLPE/PVC	DB2-AC	200	200	200	200	200	200	200	200	200	200	
P2	40A TPN MCB	16mm² PVC/PVC	DB2-MV-2	200	200	200	200	200	200	200	200	200	200	
P3	40A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: SB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-1/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	200	-	-	200	-	-	200	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S5	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S1	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L2S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L2S3	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L2S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S5	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	-	200	-	-	200	200	
L3S3	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	-	200	-	-	200	200	
L3S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S5	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: ESB2-ACMV

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 16mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-MV-1

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
P6	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	

* Delete as necessary

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Name:

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY ELECTRICAL RISER

Incoming Supply: SB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 16mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-1/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	20A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	2.5mm² PVC	20A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P5	20A SPN MCB	2.5mm² PVC	20A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L1P6	20A SPN MCB	2.5mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L2P6	20A SPN MCB	2.5mm² PVC	20A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L3P6	20A SPN MCB	2.5mm² PVC	20A DP ISOL	-	-	-	-	-	200	-	-	200	200	

* Delete as necessary

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Name:

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Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: ESB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-1/P

RCCB Test: Pass/~~Fail/N.A~~.

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: ESB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 16mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-1/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S5	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S6	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S7	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S5	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S6	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S7	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S5	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S6	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S8	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: EMSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/01

Incoming Cable (type & size): 4x1C 16mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-EXT

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S1	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S1	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L1S2	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S2	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S2	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L1S3	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S3	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S3	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L1S4	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S4	10A SPN MCB	3C 4mm² XLPE/SWA/PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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Name: _____

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Date: _____

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Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY DC ROOM (01-13)

Incoming Supply: ESB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/02

Incoming Cable (type & size): 4x1C 50mm² PVC/PVC + 25mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-DC1/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P8	20A SPN MCB	-	SPARE		-	-	-	-	-	-	-	-	-	
L1P9	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P10	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P8	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P9	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P10	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P7	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P8	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P9	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P10	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY DC ROOM (01-14)

Incoming Supply: ESB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/02

Incoming Cable (type & size): 4x1C 50mm² PVC/PVC + 25mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-DC2/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P5	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P6	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P7	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P8	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P9	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P4	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P5	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P7	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P8	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P9	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P7	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P8	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P9	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

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Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY OTS ROOM (01-07)

Incoming Supply: ESB2-COM 1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 160A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/02

Incoming Cable (type & size): 4x1C 70mm² XLPE/PVC CABLE + 35mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-OTS-1A

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P2	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P3	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P4	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P5	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L2P1	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P2	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P3	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P4	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P5	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L3P1	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P2	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P3	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P4	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P5	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P6	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY OTS ROOM (01-07)

Incoming Supply: ESB2-COM 1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 160A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/02

Incoming Cable (type & size): 4x1C 70mm² XLPE/PVC CABLE + 35mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-OTS-1B

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P2	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P3	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P4	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P5	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L2P1	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P2	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P3	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P4	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P5	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L3P1	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P2	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P3	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P4	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P5	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P6	32A DP MCB	6mm² PVC	32A DP ISOL	-	-	-	-	-	200	-	-	200	200	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY DC ROOM (01-19)

Incoming Supply: ESB2-1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/02

Incoming Cable (type & size): 4x1C 50mm² PVC/PVC + 25mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-DC3/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P8	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P8	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P8	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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Name: _____

Signature: _____

Date: _____

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Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: EMSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 80A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/02

Incoming Cable (type & size): 4x1C 50mm² PVC/PVC + 25mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: ESB2-COM3

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	40A DP MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P2	40A DP MCB	35mm² PVC/PVC	EDB2-BNET-3A	-	-	-	200	-	-	200	-	-	200	
L2P3	40A DP MCB	35mm² PVC/PVC	EDB2-OTNET-3A	-	-	-	-	200	-	-	200	-	200	
L2P4	40A DP MCB	35mm² PVC/PVC	EDB2-BNET-3B	-	-	-	-	200	-	-	200	-	200	
L3P5	40A DP MCB	35mm² PVC/PVC	EDB2-ANET-3B	-	-	-	-	-	200	-	-	200	200	
L3P6	40A DP MCB	35mm² PVC/PVC	EDB2-CNET-3A	-	-	-	-	-	200	-	-	200	200	
L2P7	40A DP MCB	35mm² PVC/PVC	EDB2-CNET-3B	-	-	-	-	200	-	-	200	-	200	
L2P8	40A DP MCB	35mm² PVC/PVC	EDB2-ANET-3A	-	-	-	-	200	-	-	200	-	200	
L2P9	40A DP MCB	35mm² PVC/PVC	EDB2-CNET-3B	-	-	-	-	200	-	-	200	-	200	
P10	40A DP MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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Signature: _____

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Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-02)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-ANET-1A

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

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Tested by

Name:

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-02)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-ANET-1B

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-03)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-BNET-1A

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

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Name: _____

Signature: _____

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-03)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-BNET-1B

RCCB Test: Pass/~~Fail~~/~~N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

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Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

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Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-05)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-CNET-1A

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

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Tested by

Name: _____

Signature: _____

Date: _____

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Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-05)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-CNET-1B

RCCB Test: Pass/~~Fail~~/~~N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-06)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 63A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 25mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-OTNET-1A

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P4	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P5	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P6	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-06)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 63A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 25mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-OTNET-1B

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P4	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P5	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P6	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

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Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY NCR ROOM (03-13)

Incoming Supply: ESB2-COM 3

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 35mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-ANET-3A

RCCB Test: Pass/~~Fail~~/~~N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY NCR ROOM (03-13)

Incoming Supply: ESB2-COM 3

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 35mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-ANET-3B

RCCB Test: Pass/~~Fail~~/~~N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY NCR ROOM (03-12)

Incoming Supply: ESB2-COM 3

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 35mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-BNET-3A

RCCB Test: Pass/~~Fail~~/~~N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY NCR ROOM (03-12)

Incoming Supply: ESB2-COM 3

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 35mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-BNET-3B

RCCB Test: Pass/~~Fail~~/~~N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY NCR ROOM (03-11)

Incoming Supply: ESB2-COM 3

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 35mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-CNET-3A

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY NCR ROOM (03-11)

Incoming Supply: ESB2-COM 3

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 35mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-CNET-3B

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY J NET(S) ROOM

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-SNET-1A

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
L1P1	32A DP MCB	6mm² PVC	32A DP ISOL	200	200	200	
L2P1	32A DP MCB	6mm² PVC	32A DP ISOL	200	200	200	
L3P1	32A DP MCB	-	SPARE	-	-	-	
L2P2	32A DP MCB	-	SPARE	-	-	-	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY NCR ROOM (03-14)

Incoming Supply: ESB2-COM 3

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 35mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-OTNET-3A

RCCB Test: Pass/~~Fail/N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY NCR ROOM (03-14)

Incoming Supply: ESB2-COM 3

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 35mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-OTNET-3B

RCCB Test: Pass/~~Fail/N.A~~.

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-09)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-SNET-1A-1

RCCB Test: Pass/~~Fail~~/~~N.A~~.

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	-	SPARE	-	-	-	
P4	20A DP MCB	-	SPARE	-	-	-	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY NCR ROOM (01-09)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-SNET-1B-1

RCCB Test: Pass/~~Fail~~/~~N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	-	SPARE	-	-	-	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for Single Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY E ROOM (01-10)

Incoming Supply: ESB2-COM 1

Project: D2019-00162/ELECT/BLK2/SLD/02

Incoming Circuit Breaker current rating: 40A DP MCB

Drawing No: DIEPPE BARRACK

Incoming Cable (type & size): 2x1C 16mm² PVC/PVC CABLE+ 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at Switchboard/DB* No: EDB2-E

RCCB Test: Pass/~~Fail~~/~~N.A.~~

Circuit No.	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)			Remarks
				L-N	L-E	N-E	
P1	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P2	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P3	20A DP MCB	4mm² PVC	20A DP ISOL	200	200	200	
P4	20A DP MCB	2.5mm² PVC	20A DP ISOL	200	200	200	
P5	20A DP MCB	2.5mm² PVC	20A DP ISOL	200	200	200	
P6	20A DP MCB	2.5mm² PVC	20A DP ISOL	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY ELECTRICAL RISER 1

Incoming Supply: ESB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 16mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-2A/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	200	-	-	200	-	-	200	
L2S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S2	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L1S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY ELECTRICAL RISER

Incoming Supply: ESB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-2/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P2	20A SPN MCB	2.5mm² PVC	SOB	-	-	-	200	-	-	200	-	-	200	
L1P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P4	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY OFFICE (02-05)

Incoming Supply: SB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-OFF2B/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY ELECTRICAL RISER

Incoming Supply: SB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-2/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P7	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P7	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L1P8	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P8	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P8	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY ELECTRICAL RISER

Incoming Supply: SB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 16mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-2A/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHITNG	-	-	-	200	-	-	200	-	-	200	
L1S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1S5	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	200	-	-	200	-	-	200	
L1S6	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S1	10A SPN MSB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S2	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S3	10A SPN MSB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S4	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S5	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S6	10A SPN MSB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S1	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S2	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S3	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S4	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S5	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S6	10A SPN MSB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY ELECTRICAL RISER

Incoming Supply: SB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-2B/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	200	-	-	200	-	-	200	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S1	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L2S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	-	200	-	-	200	200	
L3S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name:

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY ELECTRICAL RISER 2

Incoming Supply: ESB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-2B/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1S6	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S2	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S3	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L2S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S6	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S2	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY OFFICE (02-01)

Incoming Supply: SB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-OFF2A/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY OFFICE (02-12)

Incoming Supply: SB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-OFF2C/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: EMSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 250A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 120mm² XLPE/PVC + 70mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: SB-OG2-1

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	125A TPN MCCB	70mm² XLPE/PVC	OG-2-1(WP)	200	200	200	200	200	200	200	200	200	200	
P2	125A TPN MCCB	70mm² XLPE/PVC	OG-2-2(WP)	200	200	200	200	200	200	200	200	200	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 1ST STOREY SWITCH ROOM

Incoming Supply: EMSB-2

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 250A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 120mm² XLPE/PVC + 70mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: SB-OG2-2

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	125A TPN MCCB	70mm² XLPE/PVC	OG-2-3(WP)	200	200	200	200	200	200	200	200	200	200	
P2	125A TPN MCCB	70mm² XLPE/PVC	OG-2-4(WP)	200	200	200	200	200	200	200	200	200	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 NEAR BY OPEN CARPARK

Incoming Supply: SB-OG-1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 125A 4P MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 70mm² XLPE/PVC + 35mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: OG-2-1 (WP)

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	63A TPN MCB	25mm² PVC/PVC	63A 5P C FORM	200	200	200	200	200	200	200	200	200	200	
P2	63A TPN MCB	25mm² PVC/PVC	63A 5P C FORM	200	200	200	200	200	200	200	200	200	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 NEAR BY OPEN CARPARK

Incoming Supply: SB-OG-1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 125A 4P MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 70mm² XLPE/PVC + 35mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: OG-2-2

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	63A TPN MCB	25mm² PVC/PVC	63A 5P C FORM	200	200	200	200	200	200	200	200	200	200	
P2	63A TPN MCB	25mm² PVC/PVC	63A 5P C FORM	200	200	200	200	200	200	200	200	200	200	

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Name: _____

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 NEAR BY OPEN CARPARK

Incoming Supply: SB-OG-1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 125A 4P MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 70mm² XLPE/PVC + 35mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: OG-2-3

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	63A TPN MCB	25mm² PVC/PVC	63A 5P C FORM	200	200	200	200	200	200	200	200	200	200	
P2	63A TPN MCB	25mm² PVC/PVC	63A 5P C FORM	200	200	200	200	200	200	200	200	200	200	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 NEAR BY OPEN CARPARK

Incoming Supply: SB-OG-1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 125A 4P MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/03

Incoming Cable (type & size): 4x1C 70mm² XLPE/PVC + 35mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: OG-2-4

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	63A TPN MCB	25mm² PVC/PVC	63A 5P C FORM	200	200	200	200	200	200	200	200	200	200	
P2	63A TPN MCB	25mm² PVC/PVC	63A 5P C FORM	200	200	200	200	200	200	200	200	200	200	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY ELECTRICAL RISER

Incoming Supply: ESB2-1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-3/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P3	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY ELECTRICAL RISER

Incoming Supply: ESB2-ACMV

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 35mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-MV-3

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P7	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P7	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date:

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY OFFICE (03-01)

Incoming Supply: SB2-1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-OFF3A/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY OFFICE (03-16)

Incoming Supply: SB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 35mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-OFF3C/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P7	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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Name: _____

Signature: _____

Date: _____

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Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY ELECTRICAL RISER

Incoming Supply: ESB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-3B/L

RCCB Test: Pass/~~Fail/N.A~~.

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	200	-	-	200	-	-	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	200	-	-	200	-	-	200	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S5	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S6	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L2S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S4	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L2S5	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S6	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	-	200	-	-	200	200	
L3S3	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S6	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY ELECTRICAL RISER

Incoming Supply: ESB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-3A/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S5	10A SPN MCB	2.5mm² PVC	FAN	-	-	-	200	-	-	200	-	-	200	
L1S6	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S6	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S3	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S6	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY OFFICE (03-03)

Incoming Supply: ESB2-3

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-OFF3B/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 (03-06)

Incoming Supply: ESB2-1

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P5	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P6	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P5	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P6	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	-	200	-	-	200	200	

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Name:

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY ELECTRICAL RISER

Incoming Supply: ESB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 40A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 50mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-3/P

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P7	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P8	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P9	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	200	-	-	200	-	-	200	
L1P10	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L2P7	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P8	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2P9	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	200	-	-	200	-	200	
L2P10	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P4	20A SPN MCB	4mm² PVC	20A DP ISOL	-	-	-	-	-	200	-	-	200	200	
L3P5	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P6	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P7	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P8	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P9	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L3P10	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	

* Delete as necessary

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Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY ELECTRICAL RISER

Incoming Supply: SB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 16mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-3A/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L1S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L2S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L2S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L2S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S2	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S3	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L3S5	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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Signature: _____

Date: _____

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Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 LOWER ROOF

Incoming Supply: SB-ACMV

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 125A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 95mm² XLPE/PVC + 50mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-AC WP

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P2	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P3	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P4	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P5	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P6	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P7	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P8	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P9	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P10	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P11	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P12	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P13	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P14	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P15	20A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P16	20A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 LOWER ROOF

Incoming Supply: ESB-ACMV

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 200A TPN MCCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 150mm² XLPE/PVC + 70mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-AC WP

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
P1	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P2	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P3	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P4	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P5	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P6	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P7	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P8	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P9	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P10	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P11	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P12	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P13	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P14	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P15	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P16	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P17	20A TPN MCB	4mm² PVC	20A TPN ISOL	200	200	200	200	200	200	200	200	200	200	
P18	20A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P19	20A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
P20	20A TPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1P21	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L1P22	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY ELECTRICAL RISER

Incoming Supply: SB2-ACMV

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 16mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-MV-2

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3P4	20A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

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CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 3RD STOREY ELECTRICAL RISER

Incoming Supply: SB2-1/L

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: DB2-3B/L

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	200	-	-	200	-	200	
L3S1	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L1S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	200	-	-	200	-	-	200	
L2S2	10A SPN MCB	2.5mm² PVC	LIGHTING & FAN	-	-	-	-	200	-	-	200	-	200	
L3S2	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L1S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S3	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S3	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	-	-	200	-	-	200	200	
L1S4	10A SPN MCB	2.5mm² PVC	LIGHTING	-	-	-	200	-	-	200	-	-	200	
L2S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	
L3S4	10A SPN MCB	-	SPARE	-	-	-	-	-	-	-	-	-	-	

* Delete as necessary

Tested by

Name: _____

Signature: _____

Date: _____

Witnessed by

Name: _____

Signature: _____

Date: _____

CHECKLIST FOR TESTING AND COMMISSIONING OF LT INSTALLATIONS

Insulation Resistance Test Record for 3 Phase Circuits

Sheet no: 1

Location: BLK 2 2ND STOREY O ROOM (02-02)

Incoming Supply: SB2-1/P

Project: DIEPPE BARRACK

Incoming Circuit Breaker Current rating: 32A TPN MCB

Drawing No: D2019-00162/ELECT/BLK2/SLD/04

Incoming Cable (type & size): 4x1C 25mm² PVC/PVC + 16mm² PVC EARTH CABLE

Section Tested: MSB to Dbs/DB to final sub-circuits/~~individual equipment~~*

Tested at: EDB2-O

RCCB Test: Pass/~~Fail/N.A.~~

CCT No	CCT Breaker current rating	Cable (type & size)	Circuit Description	Insulation Resistance (Megaohm)										
				L1-L2	L2-L3	L3-L1	L1-N	L2-N	L3-N	L1 -E	L2-E	L3-E	N-E	Remarks
L1P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P1	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P2	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P3	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	
L1P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	200	-	-	200	-	-	200	
L2P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	200	-	-	200	-	200	
L3P4	20A SPN MCB	2.5mm² PVC	SSO	-	-	-	-	-	200	-	-	200	200	

* Delete as necessary

Tested by

Name:

Signature:

Date:

Witnessed by

Name:

Signature:

Date: