

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140 468
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-1

CE

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
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6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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Model: CAT-RW-4x1.2-2014

Rated Current: 32A

Rated Voltage: 230V-

Production Date: 08.2013

Serial No.: 13-2070-325-2



Customer :	CAT
Customer Barcode :	1140 469-
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100	test-current: 5x IN	
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
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6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V.
Production Date: 08.2013
Serial No.: 13-2070-325-3



Customer :	CAT
Customer Barcode :	1140470
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
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Model: CAT-RW-4x1.2-2014

Rated Current: 32A

Rated Voltage: 230V-

Production Date: 08.2013

Serial No.: 13-2070-325-4



Customer :	CAT
Customer Barcode :	1140471
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-5

CE

Customer :	CAT
Customer Barcode :	1140472
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting froht or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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Customer :	CAT
Customer Barcode :	1140 473
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V.
Production Date: 08.2013
Serial No.: 13-2070-325-6



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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Customer :	CAT
Customer Barcode :	1140474
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

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Model: CAT-RW-4x1.2-2014

Rated Current: 32A

Rated Voltage: 230V-

Production Date: 08.2013

Serial No.: 13-2070-325-7



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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Customer :	CAT
Customer Barcode :	1140475
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V~
Production Date: 08.2013
Serial No.: 13-2070-325-8



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V~
Production Date: 08.2013
Serial No.: 13-2070-325-9



Customer :	CAT
Customer Barcode :	1140 476
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results :					
see attached file printed directly by test instrument BEHA 0100					
which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140477
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V.
Production Date: 08.2013
Serial No.: 13-2070-325-10



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0		Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN	
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA		
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.						

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140478.
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-11



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V.
Production Date: 08.2013
Serial No.: 13-2070-325-12



Customer :	CAT
Customer Barcode :	1140479
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140480-
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-13



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-14



Customer :	CAT
Customer Barcode :	1140 481-
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140482-
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-15



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140483.
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V.
Production Date: 08.2013
Serial No.: 13-2070-325-16



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100	test-current: 5x IN	
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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INDU-ELECTRIC North America INC

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Model: CAT-RW-4x1.2-2014

Rated Current: 32A

Rated Voltage: 230V-

Production Date: 08.2013

Serial No.: 13-2070-325-17



Customer :	CAT
Customer Barcode :	1140484
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

INDU-ELECTRIC North America INC

www.indu-electric.com



Model: CAT-RW-4x1.2-2014

Rated Current: 32A

Rated Voltage: 230V~

Production Date: 08.2013

Serial No.: 13-2070-325-18



Customer :	CAT
Customer Barcode :	1140485
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140486
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-19



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140487.
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-20

CE

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100	test-current: 5x IN	
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140488-
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325- 21

CE

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325- 22



Customer :	CAT
Customer Barcode :	1140489 -
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140490-
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-23



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140 491
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-24



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140492.
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-25



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140493
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

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Model: CAT-RW-4x1.2-2014

Rated Current: 32A

Rated Voltage: 230V-

Production Date: 08.2013

Serial No.: 13-2070-325-26



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Policarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0		Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN	
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA		
for RCD test results :							
see attached file printed directly by test instrument BEHA 0100							
which did performe the test.							

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325- 27



Customer :	CAT
Customer Barcode :	1140494-
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140435
Model :	CAT-RW-4x1.2-2014

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-28



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140496
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

www.indu-electric.com



Model: CAT-RW-4x1.2-2014

Rated Current: 32A

Rated Voltage: 230V-

Production Date: 08.2013

Serial No.: 13-2070-325-29



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140437
Model :	CAT-RW-4x1.2-2014

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-30



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

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Model: CAT-RW-4x1.2-2014

Rated Current: 32A

Rated Voltage: 230V-

Production Date: 08.2013

Serial No.: 13-2070-325-31



Customer :	CAT
Customer Barcode :	1140498
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-32



Customer :	CAT
Customer Barcode :	1140499
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140500
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-33



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140501
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-34



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140502
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No : 13-2070-325-35



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140503
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-36

CE

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140504
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-37



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100	test-current: 5x IN	
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140505
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-38



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100	test-current: 5x IN	
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

INDU-ELECTRIC North America INC

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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-39



Customer :	CAT
Customer Barcode :	1140506
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140507
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC

www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-40

CE

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140508
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-41



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140509 -
Model :	CAT-RW-4x1.2-2014

INDU-ELECTRIC North America INC
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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-42



1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

INDU-ELECTRIC

Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

INDU-ELECTRIC North America INC
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Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-43



Customer :	CAT
Customer Barcode :	1140510
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO			Instrument: UNITEST BH 0100	test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.					

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
-----	------------------------------	--------------------------------------

6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

Page 1 of 2:

Customer :	CAT
Customer Barcode :	1140511
Model :	CAT-RW-4x1.2-2014

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www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-44

CE

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
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6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	

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Test report according to : VDE 0100- 600
EN 60439-1 (VDE0701-0702)

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www.indu-electric.com



Model: CAT-RW-4x1.2-2014
Rated Current: 32A
Rated Voltage: 230V-
Production Date: 08.2013
Serial No.: 13-2070-325-45



Customer :	CAT
Customer Barcode :	1140512
Model :	CAT-RW-4x1.2-2014

1.0	Visual Test	OK	Fault
1.1	Configuration according drawing	X	
1.2	distance between sockets	X	
1.3	is it possible to open all lids of sockets min 90 degrees	X	
1.4	are all sockets accesable by plugs	X	
1.5	All screws are in the right place	X	
1.6	Phase sequence ok	-----	
1.7	Polycarbonate lids are fixed in the right way	X	
1.8	marking of MCB/RCD is according to sockets	X	
1.9	is identification label correct	X	

2.0	mechanical test	OK	Fault
2.1	mechanical operation of all switchgear	X	
2.2	are all screws of sockets fixed	X	
2.3	are the screws of terminal fixed	X	
2.4	Can wires be damaged by mounting front or rear panel	X	
2.5	are all screws of Earth Terminals fixed	X	
2.6	are the ventilation- openings free	-----	
2.7	stress relief	X	

3.0	Function- Test RCCB-RCBO		Instrument: UNITEST BH 0100		test-current: 5x IN
Number of drawing	Type	rated trip-voltage mA	rated current A	trip-time mS	trip-current mA
	for RCD test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.				

4.0	Amm-Meter	OK	Fault	5.0	electrical function	OK	Fault
4.1	Type	-----	-----	5.1	Alignment sockets-MCB	X	
4.2	Readings	-----	-----	5.2	Alignment RCD	-----	

6.0	Testing-Isolation resistance	Testing -instrument: UNITEST BH 0100
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6.1	Resistance of earth-conductor test voltage 1KV	value <0.300 Ohm	6.2	Isolation-Resistance test voltage 1KV	value >2MOhm
	Reading socket 1	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.		Phase-N	for test results : see attached file printed directly by test instrument BEHA 0100 which did performe the test.
	Reading socket 2			L1-N	
	Reading socket 3			L2-N	
	Reading socket 4			L3-N	
	Reading socket 5				
	Reading socket 6			Phase-Phase	
	Reading socket 7			L1-L2	
	Reading socket 8			L2-L3	
	Reading socket 9			L3-L1	
	Reading socket 10				
	Reading socket 11			Phase/earth	
	Reading socket 12			L1-PE	
	Reading socket 13			L2-PE	
	Reading socket 14			L3-PE	
	Reading socket 15			Neutrall.-PE	
	Reading socket 16			N-PE	

test-engineer	Date	Signed
S. Olszok	13.08.2013	