

Measurement certificate

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Prüfprotokoll Nr.: 00001658 **Auftrag Nr.:** B13/2070

		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
		Rlow	Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
Distribution: 001 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,03								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				158	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0,2
004	RCD CEE 32A/5P #2				180	AC 0°		30	27	0,1
005	RCD CEE 32A/5P #3				25	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				149	AC 0°		30	30	0
Distribution: 002 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,02								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				28	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				158	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				24	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				150	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				187	AC 0°		30	27	0
Distribution: 003 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,03								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				28	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				152	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0,1
004	RCD CEE 32A/5P #2				149	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				155	AC 0°		30	30	0
Distribution: 004 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,01								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				158	AC 0°		30	30	0

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		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus Rlow	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
			Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				188	AC 0°		30	27	0,1
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				188	AC 0°		30	27	0,1
Distribution: 005 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,04								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				149	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				158	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				27	AC 0°	x5	30		0,1
005	RCD CEE 32A/5P #3				157	AC 0°		30	30	0
Distribution: 006 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,04								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				148	AC 0°		30	30	0,1
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				152	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				25	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				157	AC 0°		30	30	0
Distribution: 007 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,05								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				28	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				190	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				25	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				157	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				26	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				158	AC 0°		30	30	0
Distribution: 008 CAT-RW-3x32-2014										

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		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
		Rlow	Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
001	Resistance of earth conductor	0,02								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				150	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				25	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				157	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				27	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				157	AC 0°		30	30	0
Distribution: 009 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,04								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				28	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				189	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				26	AC 0°	x5	30		0,1
004	RCD CEE 32A/5P #2				179	AC 0°		30	27	0,1
005	RCD CEE 32A/5P #3				25	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				191	AC 0°		30	27	0
Distribution: 010 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				25	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				182	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				154	AC 0°		30	30	0,1
005	RCD CEE 32A/5P #3				24	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				157	AC 0°		30	30	0
Distribution: 011 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,01								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				28	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				183	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0

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		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus Rlow	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
		Ohm	Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
004	RCD CEE 32A/5P #2				156	AC 0°		30	30	0,1
005	RCD CEE 32A/5P #3				25	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				158	AC 0°		30	30	0
Distribution: 012 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				26	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				187	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				151	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				159	AC 0°		30	30	0
Distribution: 013 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,04								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				25	AC 0°	x5	30		0,5
003	RCD CEE 32A/5P #1				150	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				149	AC 0°		30	30	0,1
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0,1
005	RCD CEE 32A/5P #3				150	AC 0°		30	30	0
Distribution: 014 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,06								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				28	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				188	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0,1
004	RCD CEE 32A/5P #2				153	AC 0°		30	30	0,2
005	RCD CEE 32A/5P #3				25	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				188	AC 0°		30	27	0,1
Distribution: 015 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,07								

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		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
		Rlow	Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				157	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0,1
004	RCD CEE 32A/5P #2				188	AC 0°		30	27	0
005	RCD CEE 32A/5P #3				27	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				148	AC 0°		30	30	0,2
Distribution: 016 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,01								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				151	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				151	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				27	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				187	AC 0°		30	27	0,2
Distribution: 017 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,01								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				158	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				157	AC 0°		30	30	0,2
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				154	AC 0°		30	30	0
Distribution: 018 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,05								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				181	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				158	AC 0°		30	30	0

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		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
		Rlow	Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				153	AC 0°		30	30	0
Distribution: 019 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,02								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				192	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				25	AC 0°	x5	30		0,1
004	RCD CEE 32A/5P #2				158	AC 0°		30	30	0,1
005	RCD CEE 32A/5P #3				27	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				157	AC 0°		30	30	0,1
Distribution: 020 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,02								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				28	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				188	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				182	AC 0°		30	27	0
005	RCD CEE 32A/5P #3				27	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				151	AC 0°		30	30	0
Distribution: 021 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,08								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				149	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				149	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				25	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				182	AC 0°		30	27	0,1
Distribution: 022 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						

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		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
		Rlow	Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
003	RCD CEE 32A/5P #1				28	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				180	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				183	AC 0°		30	27	0
005	RCD CEE 32A/5P #3				27	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				150	AC 0°		30	30	0
Distribution: 023 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,09								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				153	AC 0°		30	30	0,3
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				157	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				150	AC 0°		30	30	0
Distribution: 024 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,06								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				25	AC 0°	x5	30		0,1
003	RCD CEE 32A/5P #1				157	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				158	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				24	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				188	AC 0°		30	27	0
Distribution: 025 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,08								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				153	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				26	AC 0°	x5	30		0,1
004	RCD CEE 32A/5P #2				157	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				24	AC 0°	x5	30		0

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		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus Rlow	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
		Ohm	Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
005	RCD CEE 32A/5P #3				155	AC 0°		30	30	0
Distribution: 026 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,04								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				27	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				188	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				149	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				158	AC 0°		30	30	0
Distribution: 027 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,04								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				26	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				157	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				28	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				152	AC 0°		30	30	0
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0,1
005	RCD CEE 32A/5P #3				180	AC 0°		30	27	0
Distribution: 028 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				26	AC 0°	x5	30		0
003	RCD CEE 32A/5P #1				157	AC 0°		30	30	0,1
004	RCD CEE 32A/5P #2				25	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				150	AC 0°		30	30	0,1
005	RCD CEE 32A/5P #3				28	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				182	AC 0°		30	27	0
Distribution: 029 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,01								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				26	AC 0°	x5	30		0

Measurement certificate

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acc.

BEHA

Prüfprotokoll Nr.: 00001658

Auftrag Nr.: B13/2070

		PE	Isolation	Isolation	FI	FI	FI	FI	FI	FI
		Durchgängig keit Schutzleiter/ Potentialaus	Prüf- spannung	Widerstand	Auslösezeit	Ausgelöste Halbwelle	Faktor	Nennfehlerst rom	Auslösestro m	Berührungs- spannung
		Rlow	Uiso	Riso	tmess	Stromart		Idn	Imess	UB
Stromkreis		Ohm	V	MOhm	ms	Halbwelle		mA	mA	V
003	RCD CEE 32A/5P #1				181	AC 0°		30	27	0
004	RCD CEE 32A/5P #2				25	AC 0°	x5	30		0
004	RCD CEE 32A/5P #2				187	AC 0°		30	27	0
005	RCD CEE 32A/5P #3				24	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				149	AC 0°		30	30	0
Distribution: 030 CAT-RW-3x32-2014										
001	Resistance of earth conductor	0,03								
002	Iso. Resistance L1/L2/L3/N-PE		500	>200						
003	RCD CEE 32A/5P #1				26	AC 0°	x5	30		0,1
003	RCD CEE 32A/5P #1				157	AC 0°		30	30	0
004	RCD CEE 32A/5P #2				27	AC 0°	x5	30		0,1
004	RCD CEE 32A/5P #2				157	AC 0°		30	30	0,1
005	RCD CEE 32A/5P #3				27	AC 0°	x5	30		0
005	RCD CEE 32A/5P #3				150	AC 0°		30	30	0