PRODUCT SPECIFICATION

CKI: Carl Kammerling International Ltd.

Brand	C.K
Product Range	Redline VDE Pliers
Catalogue number	341 & 39071
Date	29/08/2008

Range Description A range of VDE approved Professional Electricians Pliers and cutters	

Range Features

- Certified & approved by the world renowned VDE institute of Germany
- Each tool is tested to 10,000v for the complete assurance of safety when working on live equipment up to 1000v AC
- GS (Gerpruffe Sicherheit) safety marked
- Ergonomic dual compound handle offering the perfect balance of grip and comfort
- Induction hardened and precision ground cutting edges for the ultimate in performance

Combination Pliers

Access Pliers

A development of combination pliers specially designed to give Electricians:
1. Better access in tight situations
2. Effectively grips the square nuts of gutter screws used on cable management systems and control boxes
3. Hold pins and nails vertically for easy driving

Access pliers

Combicutters

The combicutter range was developed following extensive research with professional electricians, and contains combinations of the three following key features
1. Wire stripping notches – quick and easy to use without the risk of cable damage
2. Wire bending anvil – a totally unique feature that makes doubling back wire quick, reliable and damage free
3. Patress screw shear – a auto aligning shearing hole that allows damage free cutting of patress screws

The range consists of 3 combicutters, top of the range is the **combicutter3** which has all three features making the job easier; quicker and damage free

Combicutter3

The **combicutter2** features the patress screw shear but also has the benefit of wire stripping notches – idea for those who feel comfortable with wire bending but recognize the benefit of effortless and quick wire stripping
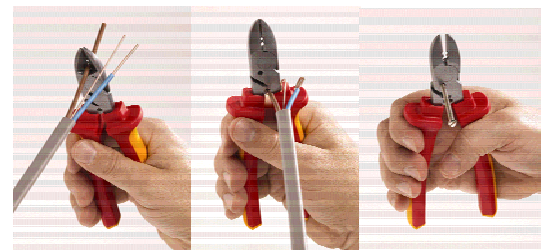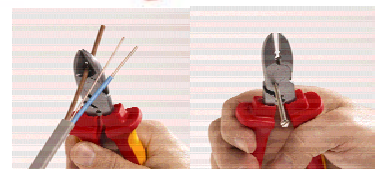
Item Number	Item Description	EAN No	Commodity code	Carton Qty
431001	Redline VDE Combination pliers 165mm	5051074310019	82032090	3
431002	Redline VDE Combination pliers 185mm	5051074310026	82032090	3
431003	Redline VDE Combination pliers 205mm	5051074310033	82032090	3
431004	Redline VDE Combicutter1 Side cutters 160mm	5051074310040	82032090	3
431005	Redline VDE Side cutters 180mm	5051074310057	82032090	3
431006	Redline VDE Heavy duty side cutter 175mm	5051074310064	82032090	3
431007	Redline VDE Heavy duty side cutters 200mm	5051074310071	82032090	3
431008	Redline VDE Combicutter3 Side cutters 160mm	5051074310088	82032090	3
431009	Redline VDE Combicutter2 Side cutters 160mm	5051074310095	82032090	3
431012	Redline VDE Wire stripping pliers 160mm	5051074310125	82032090	3
431013	Redline VDE Snipe nose pliers 175mm	5051074310132	82032090	3
431014	Redline VDE Snipe nose pliers 200mm	5051074310149	82032090	3
431015	Redline VDE Bent nose pliers 200mm	5051074310156	82032090	3
431016	Redline VDE Waterpump pliers 250m	5051074310163	82032090	3
431017	Redline VDE Side cutters 160mm	5051074310170	82032090	3
431019	Redline VDE Wire stripping Side cutters 160mm	5051074310191	82032090	3
431030	Redline VDE Heavy duty cable cutters 165mm	5013969310320	82032090	3
431031	Redline VDE Heavy duty cable cutters 210mm	5013969310313	82032090	3
331001	Redline VDE Pliers and SensoPlus Screwdriver Kit 9 piece PZD, contains 431004, 431012, 431013, 341018, 341019, 341022, 341011, 341012, 440007	5051073310010	82060000	1
331002	Redline VDE Pliers and SensoPlus Screwdriver Kit 9 piece PH, contains 431004, 431012, 431013, 341018, 341019, 341022, 341003, 341002, 440007	5051073310027	82060000	1
531008	Combicutter3 counter box of 12 display	5013969310085	82032090	1
T39071-1180	Redline VDE combicutter1 max 180mm	5013969700169	82032090	3
T39071-3180	Redline VDE combicutter3 max 180mm	5013969700176	82032090	3
T39077-180	Redline VDE Access pliers 180mm	5013969701876	82032090	3

Technical product information	Cutting capacities				
			Cutting Capacity mm diameter wire		
			Hard	Med/Hard	Soft
	Item No	Description	2200MPa	1600MPa	220MPa
	431001	Redline VDE Combination pliers 165mm	1.6	2.5	>4.0
	431002	Redline VDE Combination pliers 185mm	1.6	2.5	>4.0
	431003	Redline VDE Combination pliers 205mm	2.0	2.8	>4.0
	431004	Redline VDE Combicutter1 Side cutters 160mm	1.6	2.5	>4.0
	431009	Redline VDE Combicutter2 Side cutters 160mm	1.0	1.5	>4.0

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431008	Redline VDE Combicutter3 Side cutters 160mm	1.0	1.5	>4.0	
431017	Redline VDE Side cutters 160mm	1.6	2.5	>4.0	
431019	Redline VDE Wire stripping Side cutters 160mm	1.6	2.5	>4.0	
431005	Redline VDE Side cutters 180mm	1.8	2.3	>4.0	
431006	Redline VDE Heavy duty side cutter 175mm	2.0	2.5	>4.0	
431007	Redline VDE Heavy duty side cutters 200mm	2.5	3.0	>4.0	
431030	Redline VDE Heavy duty cable cutters 165mm	-	-	>16.0	
431031	Redline VDE Heavy duty cable cutters 210mm	-	-	>25.0	
431013	Redline VDE Snipe nose pliers 175mm	1.4	2.0	>4.0	
431014	Redline VDE Snipe nose pliers 200mm	1.6	2.0	>4.0	
431015	Redline VDE Bent nose pliers 200mm	1.6	2.5	>4.0	
431012	Redline VDE Wire stripping pliers 160mm	-	-	0.3 to 5.0	
T39071-1180	Redline VDE combicutter1 max	1.8	2.3	>4.0	
T39071-3180	Redline VDE combicutter3 max	1.8	2.3	>4.0	
T39077-180	Redline VDE Access pliers 180mm	1.6	2.5	>4.0	

Standards compliance	***Electrical safety*** Fully approved and independently audited by the German VDE institute to VDE 0682/201:2005 01 IEC 60900:2004 ***Dimensional and performance*** Side cutters – DIN ISO 5749 Combination pliers – DIN ISO 5746 Snipe and Bent nose pliers – DIN ISO 5745 Waterpump pliers – DIN ISO 8976
User health and safety information	Users are advised to regularly examine their VDE tools, even the slightest damage to the insulated handles could compromise the insulation integrity and potentially expose the user to the risk of injury or even death
RoHS/WEEE compliance	This product range does not fall within the scope of RoHS or WEEE regulations
Material safety data	None applicable
Warranty	Redline VDE Pliers and cutters are guaranteed for life against imperfect materials or workmanship Normal wear and tear or damage caused through inappropriate use is not covered
Country of origin	Germany

Dimensional details

	Product only				Product on primary packaging			
Item	Width mm	Depth mm	Height mm	Net weight g	Width mm	Depth mm	Height mm	Gross weight g
431001	60	25	165	185	60	30	230	199
431002	65	25	180	217	65	30	250	231
431003	60	25	207	297	60	30	260	311
431004	55	25	165	182	55	30	240	196
431005	65	25	190	236	65	30	260	250
431006	65	25	180	251	65	30	250	265
431007	65	25	210	306	65	30	260	320
431008	55	25	165	182	55	30	240	196
431009	55	25	165	187	55	30	240	201
431012	60	25	170	176	65	30	240	180
431013	60	25	180	168	65	30	230	182
431014	65	25	210	201	65	30	240	215
431015	60	30	205	202	65	30	240	216
431016	75	30	245	374	75	30	300	388
431017	55	25	165	182	55	30	240	196
431019	55	25	165	184	55	30	240	198
431030	70	25	170	199	70	30	255	213
431031	70	27	225	319	70	30	275	333
331001	250	50	345	1490	250	50	345	1495
331002	250	50	345	1490	250	50	345	1495
531008	55	25	165	182	55	30	240	196
T39071-1180	60	25	190	240	60	30	260	254
T39071-3180	60	25	190	240	60	30	260	254
T39077-180	60	25	180	230	60	30	240	234

	Shelf box (secondary packaging)				Euro Pallet data Wi x Hi	
Item	Width mm	Depth mm	Height mm	Gross weight g	No of cartons on base	Number of rows high
431001	80	250	65	666		
431002	80	250	65	762		
431003	90	290	60	1020		
431004	80	250	65	657		
431005	90	290	60	837		

431006	80	250	65	864		
431007	90	290	60	1047		
431008	80	250	65	657		
431009	80	250	65	672		
431012	80	250	65	609		
431013	80	250	65	615		
431014	80	250	65	714		
431015	80	250	65	717		
431016	90	290	70	1251		
431017	80	250	65	657		
431019	80	250	65	663		
431030	80	250	70	708		
431031	90	290	60	1086		
331001						
331002						
531008	260	240	380	2691		
T39071-1180	85	290	60	833		
T39071-3180	85	290	60	833		
T39077-180	85	25	60	774		

Packaging waste details

Item	Primary Packaging				Secondary packaging			
	Plastic g	Use	Card g	Use	Plastic g	Use	Card g	Use
431001	14	Hanger					69	Box
431002	14	Hanger					69	Box
431003	14	Hanger					87	Box
431004	14	Hanger					69	Box
431005	14	Hanger					87	Box
431006	14	Hanger					69	Box
431007	14	Hanger					87	Box
431008	14	Hanger					69	Box
431009	14	Hanger					69	Box
431012	14	Hanger					69	Box
431013	14	Hanger					69	Box
431014	14	Hanger					69	Box

431015	14	Hanger					69	Box
431016	14	Hanger					87	Box
431017	14	Hanger					69	Box
431019	14	Hanger					69	Box
431030	14	Hanger					69	Box
431031	14	Hanger					87	Box
331001					5	Bag		
331002					5	Bag		
531008	168	Hanger					635	Box
T39071-1180	14	Hanger					71	Box
T39071-3180	14	Hanger					71	Box
T39077-180	14	Hanger					72	Box