CATALOGUE



ELECTRICAL & DECORATORS LTD

About Us

Founded in 2002 in Dar-Es-Salaam, Tanzania, Volex Electrical and Decorators Limited set its foot as an electrical supply and equipment trading and services company. Volex is registered by BRELA with tax identification number 106-200-599 and VRN number 40-004104-W. Over the years, the company has earned a reputation for excellence and professionalism for continuously striving to meet – and even exceed – standards which set the climate for a sustainable business relationship with its clients. As an electrical solution specialist, we offer electrical power products ranging from high tension distribution line materials such as transformers, HT cables, XLPE cables, panel boards, power meters, breakers to low voltage materials such as lighting fixtures.

Our Corporate Values

In tandem with our corporate mission statement, these six core values encompass the character of Volex Electrical and Decorators Limited. They underscore our commitment to people, professionalism, and accountability.

They define us as a company and delineate where we are not willing to compromise

- **Dependability**: Customers, contractors, vendors, and suppliers will be able to count on Volex Electrical management and personnel to be reliable and trustworthy at every exchange.
- **Integrity**: Customers, contractors, vendors, and suppliers will be able to count on Volex Electrical management and personnel to deal straightforwardly and adhere to the strictest moral and ethical codes of business conduct
- **Quality:** Customers and end-users will be able to count on Volex Electrical technical execution and workmanship to be among the highest in the industry.
- **Customer Service :** Volex Electrical is committed to total customer satisfaction. Whether its B2B or B2C, we pledge to meet or exceed customer expectations on every project.
- Employees: Volex Electrical recognizes that its greatest asset is its people. We pledge to treat each employee with integrity, dealing honestly with all. We will offer competitive compensation packages and provide the best tools, equipment and training across each segment of the trade. We will maintain a corporate culture where new ideas and innovative thinking are welcome and rewarded.
- Versatility and Adaptability: As a full-service electrical contractor, Volex Electrical will continue expanding its expertise and resources across all disciplines of electrical construction. We will make inroads into new and emerging markets and not shy away from that which is unique and challenging. We guarantee responsiveness and adaptability to change.

Vision

Volex Electrical and Decorators Limited firmly believes that electricity is the cornerstone of a high-quality life. There will be a never-ending need for products and services to harness and maximize its full potential and use. In doing so, we will be the best-in-class supplier of topnotch electrical products and services in East Africa by 2025.

Mission

As one of the Tanzania top-ranking electrical material supplier, Volex Electrical and Decorators Limited is committed to providing the highest quality products and services exceeding our client's expectations. Whether its B2B or B2C We will meet and exceed customer expectations through our full-spectrum of electrical design, build and maintenance services, state-of-the-art assets and superior financial strength, completing projects on time and on budget. We shall continue to develop and supply intelligent solutions and services for electrical distribution systems and adapt to our customer needs, enabling the supply of energy safely and reliably. As we carry out our mission, we shall be guided by values of integrity, reliability, commitment, and collaboration.

NB: Volex Electrical Engineering has more than 30,000 items. Here are some of the items.



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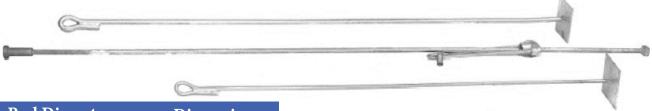
i. HT/LT Materials 33Kv and 11Kv

"Volex Electrical provides a full range of electrical line HT and LT materials"

Pull Lift.



Stay-rod Assembly.



Rod Diameter	Dimensions
12mm	M12 x 1500mm
20mm	M20 x 2000mm
24mm	M24 x 2400mm
24mm	M24 x 3000mm
16mm	M16 x 1800mm
20mm	M20 x 1800mm
20mm	M20 x 2400mm
25mm	M25 x 2400mm
24mm	M24 x 2400mm

Ball ended hook



Ball Ended Heavy Duty Pig Tail Hook M16 x 250mm

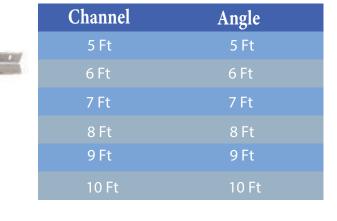
Base plate



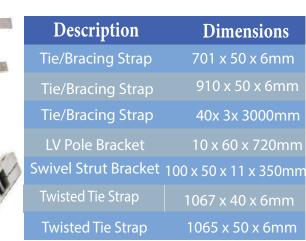
Size	
14'x 14'	
16' x 16'	
18' x 18'	













Description	Dimensions
Pigtail Bolt Assembly	M10 x 280mm
Pigtail Bolt Assembly	M16 x 380mm
Eyebolt Assembly	M16 x 250mm
Eyebolt Assembly	M20 x 250mm
Eye Nut	M16
Eye Nut	M20
Pigtail Screw	M10 x 150mm
Coach Screw	M12 x 75mm



Stringing Hardware



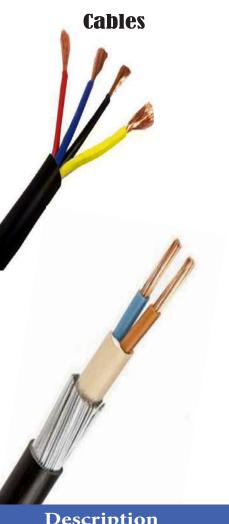
Description	Application
Pistol Grip Aluminium 3 Bolt	5 to 16mm
Pistol Grip Aluminium 3 Bolt	18 to 30mm
Pistol Grip Cast Iron 3 Bolt	5 to 16mm
Cradle Suspension Clamp Aluminium	8 to 18mm
Cradle Suspension Clamp Aluminium	15 to 26mm
Thimble Clevis Aluminium	18mm
Thimble Clevis Aluminium (Conductive)	18mm

Wrap-lock Ties











Description

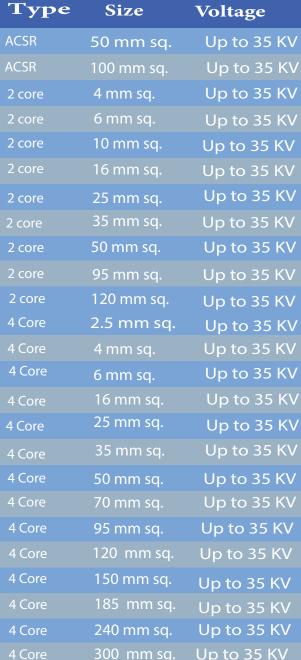
Armoured Cables

HT Cables

Control cable flexible

Alluminium Wire









Transfomer





Cable Termination Kit (Reychem)



Voltage	Core	Size
11 - 17 Kv	1 & 3	15 - 300 mm2
26 - 36 Kv	1 & 3	15 - 300 mm2

Right Angle Heat Shrink Boots



Industrial Plugs



Current	Pins
16 A	3, 4 and 5
32 A	3, 4 and 5
63 A	3, 4 and 5



Insulators



Type	Voltage
Shackle	11 Kv
Strain Stay	11 Kv
Strain Stay	33 Kv



Description	Dimensions
D Bracket for Shackle Insulator	120 x 50 x 91mm
D Bracket for Shackle Insulator	135 x 50 x 102mm



Type	Voltage
Porcelain Disk	11 Kv
Glass Disk	11 Kv



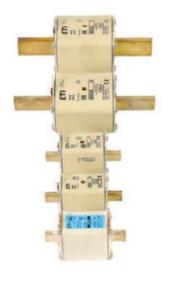
Type	Voltage
silicone rod insulator	11 Kv
silicone rod insulator	33 Kv



Description	Dimensions
Capless Line Post Insulator	M20 x 50mm
Capless Line Post Insulator	M20 x 250mm
Ratchet For Capped Line Post Insulator	M20 x 50mm
Ratchet For Capped Line Post Insulato	r M20 x 250mm
Lead Head for Pin Insulator	M2 x 50mm
Lead Head for Pin Insulator	M2 x 180mm
Lead Head for Pin Insulator	M2 x 230mm



Fuses



Type	Available Rating
NH00	2A – 160A
NH0	6A – 200A
NH1	50A – 200A
NH2	63A – 400A
NH3	250A – 630A
NH4	63A – 1600A



Туре	Available Rating
E27	2A – 25A
E33	33A – 63A
CH8X32	1A – 25A
CH10X38	0.5A – 16A
CH14X51	2A – 25A
CH22X58	16A – 40A
MJ30	80A – 315A



Type	Rating
BD400SP	400A
NH	160A
EFD10	32A
E27 (Base)	25A
E27 (Cap)	25A
E33 (Base)	63A
E33 (Cap)	63A



Fuses



Туре	Available Rating	Voltage	
FL8K	1A – 100A	11 kV	
FL16K	1A – 100A	33 kV	



Type	Voltage
Silicone	11 / 33 kV
Porcelain	11 / 33 kV



Available Rating	Voltage	Length
2A – 160A	7.2 kV	192mm
2A – 160A	12 kV	292mm
2A – 160A	17.5 kV	367mm
2A – 125A	24 kV	442mm
2A – 80A	36 kV	537mm



Available Rating	Voltage
6.3A – 63A	12 kV
71A, 80A	12 kV
6.3A – 100A	12 kV
125A	12 kV
2A – 80A	12 kV



ABC Accessories (Insulated Neutral)



Туре	Range
Strain Assembly	50 - 70mm²



Type	Range
Suspension Assembly	25 - 95mm²



Type	Range	Diameter
Strain Clamp	50-70mm ²	11 – 14mm
Strain Clamp	35-70mm ²	6 – 9mm



Type	Range	Range
Suspension Clamp	50 - 70mm²	50 - 70mm²
Suspension Clamp	35-50mm ²	6 – 9mm



Type	Range	Tap
Connector	16 – 95mm²	1.5 – 10mm²
Connector	25 – 95mm²	4 – 35mm²
Connector	25 – 95mm²	25 – 95mm²
Connector	35 - 95mm²	6 - 35mm²
Connector	25 - 95mm²	25 - 95mm²



House Service Fittings



Type	Range
Service Strain	4 – 10mm
Service Strain	4 – 16mm



Туре	Range
Service Suspension	9 -17mm

Stay Wire



Barbered Wire



Metallic flexible conduit



Earth Rod and Clamps



Copper Sírip



Copper Mash





Copper Cable Lugs





ii. **Industrial Materials**

Contactors



Coil	Voltage Range (50/60Hz)	
AC 12V	12 V	
AC 24V	24 V	
AC 48V	48 - 50 V	
AC 100V	100 - 127 V	
AC 200V	200 - 240 V	
AC 300V	260 - 300 V	
AC 400V	380 - 440 V	
AC 500V	460 - 550 V	























Testers





Testers

Megger Insulation Tester



Megger Insulation Resistance Tester



Meters







Isolator Switch







Distribution Board







Control Panels Enclosure







Туре	Size
Starter	30 HP
LV Panel	630A / 8 WAY
Stardelta Starter	45 HP
Automatic Power Factor Correction Unit	100 Kvar







Туре	Application	Voltage Range	
Voltage Detector	Indoor / Outdoor	5 – 1000 V	
Voltage Detector	Overhead Lines	2 – 36 KV	



Earthing Systems



Type	Size	Application	Rating
Working Earth Kit	16mm²	Reticulation Lines 1 – 33kV	3kA/1sec



Type	Size	Application	Rating
Control Earth Kit	40mm²	Reticulation Lines 1 – 33kV	8kA/1sec





Personal Protection Equipment (PPE)



Type	Application	Voltage Range
Industrial Helment	Outdoor	1000 V



Available in: Type Application Voltage Standard kits Customized kits Live Working 1000 V Insulated Tools Individual tools



iii. Tooling



Hydraulic Pump For cable cutter



Hydraulic cable cutter



Name	QY130	QY148
Cut the maximum diameter of wire rope	30 mm	48 mm
Piston process	>38 mm	>60 mm
Moving process	10 mm	8.8 mm
The maximum shear stress	7.5 t	20 t
Oil storage	0.19 L	0.30 L
Handle force	<25 kgf	<36 kgf

Drilling Machine





Come Along















Fibreglass and Wooden Ladders





Products Brand















SIEMENS



marathon®











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