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LUKE ALEXANDER

A PREMIER FIRE SUPPRESSION CORPORATION



# ELECTRICAL ACCESSORIES & CABLES



## HEAVY DUTY MAINTENANCE FREE LEAD CALCIUM BATTERY

Heavy duty battery has established itself as a premium high performance battery suitable for a wide range of demanding applications. Also offers deep cycling capabilities, fast recharge abilities and a non spillable design which allows mounting in any position



### FEATURES

- Non-Spillable
- Sealed and Maintenance Free Operation
- High Quality and High Reliability
- Exceptional Deep Discharge Recovery
- Low Self-Discharge
- Long Service Life
- Solid Copper Terminals
- Tank-Formed Plates
- Computer-Aided Design and Manufacturing

### TECHNICAL SPECIFICATIONS (5 Years Design Life @20°C)

Battery P/N	Volts		Capacity		Dimension			Weight	Terminal	
	V	Ah	L	W	H	OH	kg	Type	Position	
LK 7964101	12	5.0	90	70	101	107	107	T1	C	
LK 7964102	12	7.2	151	52	94	100	100	T1/T2	F	
LK 7964103	12	9.0	151	65	94	100	100	T1/T2	F	
LK 7964104	12	12.0	151	65	95	101	101	T2	F	
LK 7964105	12	18.0	181	98	167	167	167	T3/T8	D	
LK 7964106	12	24.0	166	77	125	125	125	T3/T8	D	
LK 7964107	12	28.0	166	175	125	125	125	T3/T8	D	

### TECHNICAL SPECIFICATIONS (10 Years Design Life @20°C)

Battery P/N	Volts		Capacity		Dimension			Weight	Terminal	
	V	Ah	L	W	H	OH	kg	Type	Position	
LK 7964108	12	35	195	130	159	180	11.3	T7	C	
LK 7964109	12	45	197	165	170	170	13.7	T4/T9	D	
LK 7964110	12	55	229	138	208	230	19.5	T5/T9	C	



## AC SURGE ARRESTER

AC Surge Arrester used to increase the availability of the power supply of the system and is a recognized and effective solution to solve the overvoltage problem. Typical uses include the protection of CCTV cameras and equipment, Alarm panels and systems, telemetry and data acquisition equipment and control circuits.



LK 7964202

## FEATURES

- Low let-through voltage minimizes the transient voltage to a safe level to ensure maximum protection for your equipment.
- Protection between all sets of conductors (phase to neutral, phase to earth and neutral to earth) closes all transient paths to equipment for complete protection.
- Provides repeated protection in lightning intense environments with 10 years predicted lifetime.
- Compact size for easy incorporation in the protected system.
- Robust housing.
- Fixing holes ready for flat mounting.
- Removable DIN rail foot for simple clip-on mounting to top hat DIN rails (ESP 120-5A, ESP 240-5A, ESP 120-16A, ESP 240-16A).
- Color coded terminals give a quick and easy installation check - grey for the dirty (line) end and green for the clean end.
- Available ready-boxed to IP66 for use in dirty or damp environments (ESP 120-5A/BX, ESP 240-5A/BX, | ESP 120-16A/BX, ESP
- Available for 90-150 volts and 200-280 volts supplies.
- Suitable for use on supplies of up to 5 or 16 amps.
- Protectors with /BX suffix come ready-boxed, to IP66, for use in dirty



## DC SURGE ARRESTER

DC Surge Arrester designed to protect power systems from damage due to lightning, transients and power surges. This surge arrester helps to eliminate potential threats and thus maximize the systems life expectancy.



LK 7964201

## FEATURES

- Low let-through voltage between all sets of conductors (positive to negative, positive to earth and negative to earth).
- Repeated protection in lightning intense environments with 20 years predicted lifetime.
- Visual indication of protector status.
- Advanced pre-failure warning so you need never be unprotected.
- Remote indication facility allows pre-failure warning to be linked to a building management system, buzzer or light.
- Robust steel housing.
- Simple parallel connection.
- Base provides ultra low inductance earth bond to metal panels.
- Compact size for installation in the power distribution board.
- Maintenance free.



## FIRE RESISTANT CABLES

Resistance to fire is the ability of a material or assembly to withstand fire or give protection from it and it is measured as the time a product can maintain a level of functionality during a fire. These cables are manufactured with plain annealed solid or stranded copper strands. The conductors are protected with fire barrier tape and are insulated with either a LSZH thermosetting compound.



LK 7969201

Part Number	Dimension	Cores
LK 7969201	2 x 1.5 mm <sup>2</sup>	2 Cores
LK 7969202	2 x 2.5 mm <sup>2</sup>	2 Cores

## FEATURES

- Able to maintain functionality
- The duration of survival in working condition
- High Quality and High Reliability
- Armoured Cables

## APPLICATIONS RANGE

- Specially designed to be use for wiring applications in critical life safety system in public and industrial buildings such as airports, hotels, hospitals, subways, train stations, etc.
- In building management systems, emergency lightings, standby power supplies, lifts and elevators.

## SPECIFICATIONS

Conductor	Plain Annealed Copper
Fire Barrier	Mica Tape
Insulation	(a) XLPE Compound or (b) XLEVA Compound Aluminum/ Polyester Tape with full size tinnec annealed copper circuit protective conductor
Overall Screen: Sheath	LSZH Compound Insulation: 2 Cores - Red & Black/ Brown & Blue 3 Cores - Red, Yellow & Blue/ Brown, Black & Grey 4 Cores - Red, Yellow, Blue & Black/ Brown, Black, Grey & Blue
Sheath	Sheath - Orange 857629-1 / In House IEC 60331 BS 6387 (C, W, Z), SS 299 (C, W, Z) IEC 60332-3, BS 4066-3, BS EN 50266-2-2 IEC 60754-1, BS 6425-1, BS EN 50267-2-1 IEC 60754-2, BS 6425-2, BS EN 50267-2-2 IEC 61034-2, BS 7622-2, BS EN 61034-2
Voltage U <sub>o</sub> /U:	300/500V
Conductor Stranding:	Class 1 or Class 2
Operating Temperature: Minimum	(a) Max 90° C for XLPE
Bending Radius:	(b) Max 110°C for XLEVA - 6D for unarmoured cable