

# DC Contactors



TC single pole DC Contactor, a unique product, is very rugged and has been specially designed to meet low voltage requirements. This contactor is compact in design and meets with world class quality standards. This contactor is CPRI and Components Approval Centre telecommunication (CACT) approved as per IEC-947-4-1/IS-13947-4-1.

## Technical Specifications

Characteristics	LPP125	LPP200
No of poles	One	One
Rated operational current	125A (DC1)	200A (DC1)
Rated operational Voltage	60V DC	60V DC
Utilisation category	DC1	DC1
Rated Insulation Voltage	80V DC	80V DC
Conforming to Standard	IEC-947-4-1 / IS-13947-4-1	IEC-947-4-1 / IS-13947-4-1
Coil voltage	54V and 48 V DC	54V and 48 V DC
Insulation class	H	H
Ambient Temp	- 50°C to +70°C	- 50°C to +70°C
Operational Altitude	3000M	3000M
Operating Position	any way except upside down	any way except upside down
Fuse Rating	125A DC	200A DC
Termination capacity	Power -50 mm <sup>2</sup> max. Control- 2.5 mm <sup>2</sup>	Power -95 mm <sup>2</sup> max. Control- 2.5 mm <sup>2</sup> max.
Maximum operating rate	3600 ops/ hr	3600 ops/ hr
Weight	0.405 Kg.	0.890 Kg

The numeric suffix identifying voltage is as follows

Voltage (V) DC	48	54
Suffix	ED	EED

### Main features

- ❑ Provided with Double break contact
- ❑ Epoxy encapsulated coil with H Class insulation of wire and DMC bobbin
- ❑ DMC and epoxy having minimum flammability rating of UL94-V0.
- ❑ Design conforms to IEC-947-4-1 and IS-13947-4-1 requirements
- ❑ Coil can withstand Voltage fluctuation to the tune of -15% to +10% of the rated voltage
- ❑ Coil has two additional connecting terminals.
- ❑ All plastic material used conform to UL94-V0 requirements.
- ❑ Coil can be replaced in case of LPP200



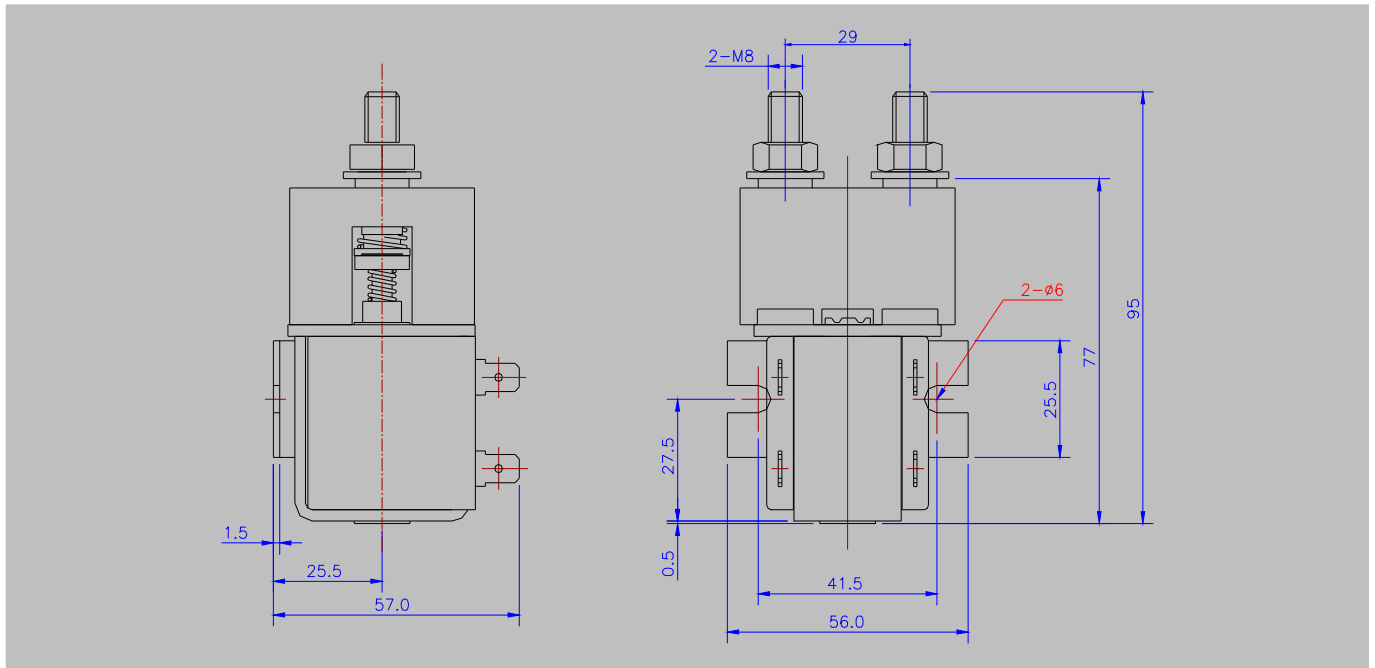
## Application

These types of contactors are ideally suited for the following applications

- ❑ Power Supplies for Telecom & Railways
- ❑ Battery Chargers
- ❑ Electric Vehicles
- ❑ Welding Equipments

## Dimensions

### LPP125



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