

ELECTRICAL MACHINES PROFILE



ACTOM Electrical Machines is the leading manufacturer and supplier of low and medium voltage motors in Southern Africa.

ACTOM Electrical Machines' Medium Voltage motors comprises its customised large UNIBOX series and its high specification MS4 totally enclosed fan cooled (TEFC) cast-iron motors series. The UNIBOX covers the 300kW to 18MW power range, while the MS4 series is in the 150kW to 1800kW power range.

The LS6 premium efficiency range of low voltage motors specially developed to meet the stringent specifications applicable in the mining industry are the unit's premium low voltage motor offering. These motors have proven highly successful and are in demand not only in mining, but also in many other industries.

We also supply a robust standard range of low voltage industrial motors and gearboxes, which are manufactured in accordance with ACTOM specifications and international standards.

ACTOM has a very proficient After Sales Service department in both LV and MV equipped to handle all after sales issues which includes commissioning.

Our workshop is geared to modify motors as per customers' specification including the ability to test motors in house.



**Manufacturers and suppliers of LV & MV
Electric Motors from 0.12kW to 18MW**

ELECTRICAL MACHINES
A division of ACTOM (Pty) Ltd

ACTOM

UNIBOX

Medium Voltage
High Efficiency



- Medium Voltage Fabricated frame Electric Motors to IEC60034
- Ratings from 300kW to 18MW at 3,3kV 6,6 kV, 11kV and 15kV
- Heavy duty motor frames in sizes from 355mm to 1000mm
- Application designed for maximum duty efficiency

MS4

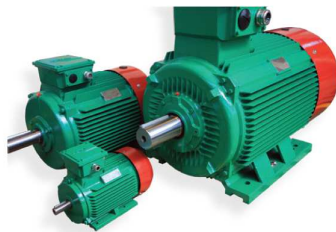
Medium Voltage
High Efficiency



- Medium Voltage TEFC frame Electric Motors to IEC60034
- Ratings from 150kW to 1.8MW 3,3kV 6,6 kV, and 11kV
- Cast iron enclosures from IP23 IC01 to IP65 IC44
- Application designed for maximum duty efficiency

LS6

Premium Efficiency



- Low Voltage TEFC frame Electric Motors to IEC60034
- Ratings from 0,37kW up to 680kW at 400V, 525V and 1000V
- Premium Efficiency to IEC 60034-30 (IE3)
- IP66 & Class H Insulation

NV3

Std Motors



- Low Voltage TEFC frame Electric Motors to IEC60034
- Ratings from 0,37kW up to 400kW at 400V and 525V
- Standard Efficiency to IEC 60034-30 (IE1)
- IP55 enclosures & Class F insulation

QL3

Aluminium



- Low Voltage TEFC aluminium frame industrial Motors to IEC60034
- Ratings from 0,12kW up to 18.5kW at 400V
- Standard Efficiency to IEC 60034-30 (IE1)
- IP55 enclosures & Class F insulation

ML3

Single Phase



- Low Voltage TEFC aluminium frame single phase Motors
- Ratings from 0,25kW up to 2,2kW at 230V
- Capacitor start and capacitor run product
- IP55 enclosures & Class F insulation

ARW

Geared Units



- 90-degree worm drive geared motors up to 15kW
- Off set PC intermediary 1/3 reduction boxes
- Variable speed in line reducer 0,7 to 0,14th of motor speed
- Standard IEC input