

IP44 - 55 - 65 PROTECTION

PROOFEX System comply with EN 60529

Airmeex is specialized to design and produce products for dangerous area or special requirements.

The protection system PROOFEX is adapting to all kind of electrical machine working in hostile environment.

PROOFEX is the ideal solution for a maximal protection of your devices by keeping all the original characteristics in the same time.

The electrical parts like motors, conatctors, ECU, switches are protected regarding CENELEC standards to avoid any penetration of dust or liquid.

Each enclosed motor is also temperature controlled by a sensor providing a shutdown in case of overheating.

AIRMEEX could realize special protection for cold areas or against corrosion.

IP55 PROTECTION

- Drive, pump motors enclosed in stainless steel IP55 box
- Control unit, contactors enclosed in stainless steel IP55 box
- Control switches IP55 protected
- Electrical and battery connectors IP55 protected
- Surface temperature sensors
- IP55 Airmeex certificate of conformity

IP65 PROTECTION

- Drive, pump motors enclosed in stainless steel IP65 box
- Control unit, contactors enclosed in stainless steel IP65 box
- Control switches IP65 protected
- Electrical and battery connectors IP65 protected
- Surface temperature sensors
- IP65 Airmeex certificate of conformity

IP X - X	
1 st Number Protection against: - dangerous parts access - object-dust penetration	2 nd Number Protection against: - water penetration
No protection	0 0 No protection
Solid object ≤ 50mm	1 1 Vertical water fall
Finger Solid object ≤ 12mm	2 2 15° Inclined water fall
Outill 2,5 mm Solid object ≤ 2,5mm	3 3 60° Inclined water fall
Fit 1 mm Solid object ≤ 1mm	4 4 All directions water projections
Fit 1 mm Protected against dust	5 5 All directions pressurized water
Fit 1 mm Dustproof	6 6 All directions high pressure water
	7 7 Temporary immersion
	8 8 Long period immersion



**DRIVE MOTOR
IP 55 ENCLOSED**

**PUMP MOTOR
IP 55 ENCLOSED**

**CONTROL UNIT
IP 55 ENCLOSED**

