

	High hazardous areas	Ex.-proof in the appropriate class of protection for pumps
Switchgear panels, junction boxes, single isolators	Indoor installed	IP 54
	Outdoor installed	IP 65
	Indoor / outdoor subject to	IP 68
Small power	Indoor subject to immersion or	IP 68
	In non-industrial and non-	IP 44
	In industrial areas	IP 54
	Outdoor	IP 65
	In hazardous areas	ex.-proof in the appropriate
Instruments	Submersed or subject to immersion	IP 68
	Indoor installation	IP 55
	Outdoor installation	IP 65

- B. The grade of protection for low voltage switchgear and control gear assemblies shall be IP 54 in accordance with BS EN 60439-1.

1.3.5 Approval of ADDC

- A. The specifications, design, workmanship, manufacturer and material of all electrical components shall be subject to the approval of the Abu Dhabi Distribution Company (ADDC). It shall be the Contractor's sole responsibility to acquaint himself with the conditions and requirements of ADDC before preparing his designs. The Contractor shall obtain ADDC written approval for his design, including but not limited to single line diagram(s) (showing all the proposed equipment with their detailed specifications) before submitting his proposal to the Engineer.
- B. The Contractor shall be responsible for the design, manufacture, supply and installation of all cables required for the power supply to the various consumers. He shall contact ADDC in order to apply for connection, in the name of the Department, as per approval of LDN by Consultant/Client, including all connecting