

		IP Rating	NEMA Rating	But what does that mean?
INDOOR	No protection	IP00	“Open Chassis” or “Open Frame”	Should only be used when being integrated into a protected panel or MCC
	Finger safe	IP20 IP21	NEMA 1	Protects against accidental contact but not much else; may require a conduit kit to meet this standard
	Fan forced	IP20 IP21	NEMA 1 +	A good compromise between finger safe and dust-tight
	Dust-tight	IP52	NEMA 12	Protects from dust but starts to restrict airflow for cooling
OUTDOOR	Rain-protected	IP24	NEMA 3R	Protects from rain
	Watertight	IP66	NEMA 4	Protects from spraying water but restricts airflow for cooling; may need sun protection if installed outdoors
SPECIALITY	Corrosive resistant	N/A	NEMA 4X	Watertight but in a stainless steel enclosure
	Dust-tight and rain protected	IP54 IP55	NEMA 3R/12	For dusty outdoor conditions, but may need additional sun protection