

Automated Controls and Electrical Supply, LLC

“ELECTRICAL ACE”

NEMA ENCLOSURE TYPE	INDOOR						INDOOR/OUTDOOR								SUBMERSIBLE	
	1*	2	5	12	12K	13	3	3X	3R*	3RX	3S	3SX	4	4X	6	6P
IEC ENCLOSURE EQUIVALENT- (IP CODE)	IP20	IP22	IP53	IP54	IP54	IP54	IP55	IP55	IP24	IP24	IP55	IP55	IP66	IP66	IP67	IP68
Accidental contact with live parts	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Falling Dirt	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Dripping and light splashing of non-corrosive liquids		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Circulating dust, lint, fibers, and flyings**				●	●	●	●	●			●	●	●	●	●	●
Settling dust, lint, fibers, and flyings**			●	●	●	●	●	●			●	●	●	●	●	●
Wind-blown dust							●	●			●	●	●	●	●	●
Rain, snow, and external formation of ice or sleet***							●	●	●	●	●	●	●	●	●	●
External formation of ice or sleet****											●	●				
Hose down and splashing water													●	●	●	●
Corrosion								●		●		●		●		●
Occasional temporary submersion															●	●
Occasional prolonged submersion																●
Oil and coolant seepage				●	●	●										
Oil and coolant seepage, spraying and splashing						●										

* Enclosures may be ventilated

** Fibers and flying are non-hazardous materials and are not considered the Class III type ignitable fibers or combustible flyings. For Class III type ignitable fibers or combustible flyings see the National Electric Code , Article 500.

*** External operating mechanisms are not required to be operable when the enclosure is ice covered.

**** External operating mechanisms are operable when the enclosure is ice covered.