






Manufacturer	RectorSeal	ICM
Model Number	RSH-50VRM KIT	ICM493
Double Pole Relay Capacity	Standard 60A	Optional 60A, standard 40A
Operating Voltage	120, 208, 240V	208, 240V
Disconnect Method	Latching relays See competitive analysis for additional info below.	Electrically held contactors
Maximum Surge Capacity	50,000 Amps 	10,000 Amps
Thermally Protected MOV's	Two 25kA surge current rated TFMOV's	Bank of 5, one time only use of each 5kA surge current
Fault History	300 events 	5 events
Assembly Required	No	No
Available Knockouts	No, adds installation flexibility	Yes, limits options
Incoming Voltage Display/Calibration	Yes	Yes
UL 1449 Listed Surge Protector	Yes 	No
TMOV's Remaining Indicator	Not needed. GDT technology extends the life of the TFMOV	Yes
Surge Protector Warranty	Lifetime	Lifetime





COMPETITIVE ANALYSIS:

Latching Relay Technology vs. Conventional Contactor Technology

Latching Relay

RectorSeal – RSH-50VRM KIT

Latching relays are held in place by a mechanical/magnetic mechanism, not a continuous voltage source. This provides:



-  Precise contact control
-  Minimal arcing between points
-  Increased life and reliability
-  Easy installation, access and device replacement through its modular design



Conventional Contactor Technology

ICM – ICM493

Conventional contactor technology requires continuous power to hold the electrical contact points together or apart. Resulting in:

-  Quicker wear down and shorter lifespan because of electrically held contactors
-  Full circuit board replacement upon failure due to combined equipment

