



RSH-50VRM KIT



RSH-50VRMDC KIT

Manufacturer	RectorSeal	ICM
Model Number	RSH-50VRM KIT RSH-50VRMDC 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
Disconnect Switch Included	Yes 60A (RSH-50 VRMDC KIT only), saving install and wiring time	No
Maximum Surge Capacity	50,000 Amps 	10,000 Amps
Thermally Protected MOV's	Two 25kA TFMOV's, connected in parallel, for a combined surge current rating of 50kA	Five 10kA TMOV's, connected in series and used one at a time, for a total surge current of 10kA
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	Unnecessary. Hybrid GDT & TFMOV technology extends the life of the surge protection circuit	Yes
Surge Protector Field Replaceable	Yes	No
Surge Protector Warranty	Lifetime	Lifetime

COMPETITIVE ANALYSIS:

Latching Relay Technology vs. Conventional Contactor Technology

Latching Relay

RectorSeal - RSH VRM Series

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

