

becker

GLOBAL - AMERICA



performance | reliability | know-how

MVIS SL Slim-line Contactor

BENEFITS

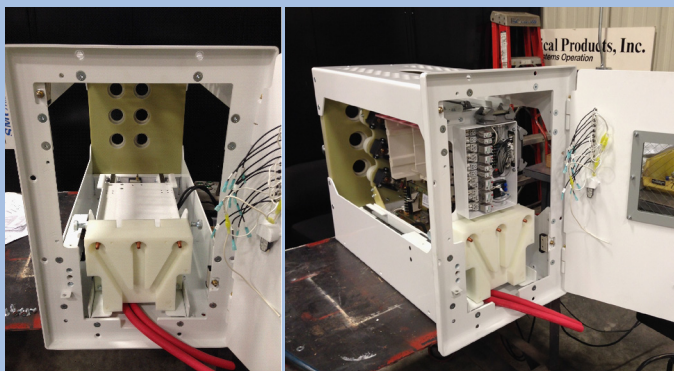
- Remote operation to prevent injury
- No exposed live parts to reduce risk of electrocution or cause arc flash
- Bucket hand removable in 5 minutes
- Protective relays in separate rack to reduce weight if relay failure -- note several relays are drawout as well
- Tamper-proof entry
- Enclosed to contain arc flash damage to equipment

>>> *High performance. Safe.*

Rigid construction. Safety on the job. Performance. Reliability. Know-how.

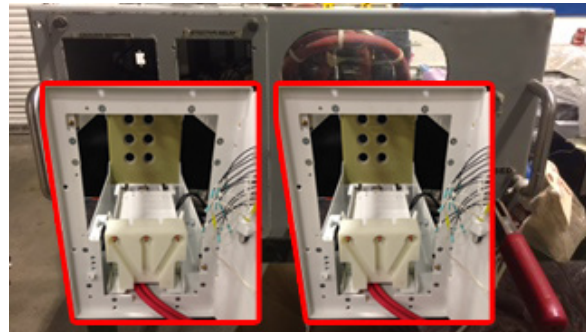
Becker's slim line contactor (MVIS) features rigid construction and remote operation, preventing injury and promoting safety on the job. Becker's high performance and arc resistant MVIS SL motor cell is a natural choice for both safety and efficiency.

- 400 AMP, 480V/ 1000V/ 2400V /4160V /7200V
- Fixed linear non load break visible disconnect switch
- Quick change out bolt in vacuum contactor
- Closing and opening with automatic grounding motorized rack and pinion gearing
- Lock out/tag out front cover provision
- Multi-contact power connections
- Dead front bolt0in design with safety interlock swithes
- Low cost
- High visibilty of switch position
- Low weight power components
- Insulating shutter automatically covers line terminals
- ARC FLASH resistant design
- Design adaptable to smaller vacuum contactors and vacuum circuit breakers



Compact size. Fierce performance.

TWO of our high performance, rugged MVIS SL contactors put together are still smaller than the competition! Less than half the size, but so much more efficient.



MECHANICAL

Rigid construction-gauge steel cell and bucket • Gasketed arc resistant front design • No tools required to remove the contactor bucket • Quick pin release to remove contactor bucket – capable of being removed by 2 men in 5 minutes (4) 5/16 bolts • Ventilated top cover • No live parts • Removable front door for ease of assess with grease fittings on hinges • Tamper-proof door locking provision • Motor operated rack and pinion contactor bucket (breaks line and load terminals and drives load terminals in to grounding switch remotely) • Visible Line Terminal Disconnect • High current connections with low insertion force, self cleaning pins and sockets- steel side panels (optional)

ELECTRICAL

480V-7200 V (low frequency withstand and BIL levels based on contactor value) • 200-600 amps continuous (600 with MVIS) • Fixed linear grounding switch • Illuminated cell to view position of bucket • Self-diagnostic LED panel on front cover • Sub-surface mounted control power circuit breaker • Rugged separable control connectors for ease of installation/removal • Safety Interlock to prevent to removal of bucket while energized • Electro-mechanical Lockout / tag-out for open/grounded position of bucket • Position Locking Device--an electrical solenoid that mechanically locks the bucket in the connected and cpen/grounded positions • Doors Interlock--trips upstream circuit breaker • Failed Vacuum Bottle Detection (optional) • Hot Circuit Detection/ Loss of Phase/Reverse Phase Sequence (optional)

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