



EasyPact MVS New Energy solution

Air Circuit Breaker for AC

EasyPact MVS T3 @1140Vac

Intercept ambient issue

- Achieve high breaking capacity with high voltage
- Reduce condensation impact in inverter cabinet
- Avoid water drop into arc chamber directly because of condensation

Technical Highlight

- 800A to 4000A ratings
- Suitable for 1140V AC applications
- Complete selectivity with **ics=100%**
Icu=Icw 1s=66KA
- 3 poles / Fixed and drawout versions

Connection Flexibility

- 2 Available connection types:
 - Rear down connections: horizontal, vertical
 - Simply turn a horizontal rear connection 90° to make it a vertical connector (4000A only horizontal connection)

Intelligent ETU

- ET5S for semi assembly
- ET6A for full assembly

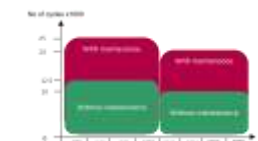
Various Acc and certifications

- Motor Mechanism / MX / XF / OF
- Interphase barriers
- Top cover of arc chamber
- IEC 60947-2



Endurance @1500Vdc

- Maximum Mechanical cycle life up to 25,000 times with maintenance
- Maximum electrical cycle life up to 1,500 times



Sustainability

- RoHS & REACH
- Online Environment PEP file



EasyPact MVS T3: Fixed Version

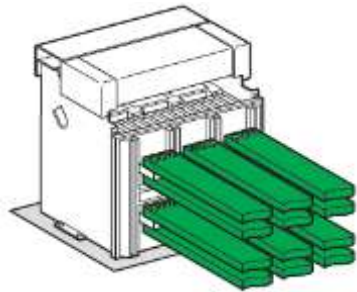
New Top Cover



- Achieve high breaking capacity with high voltage
 - Reduce condensation impact in inverter cabinet
- Avoid water drop into arc chamber directly because of condensation

EasyPact MVS T3: Connection

Busbar Size



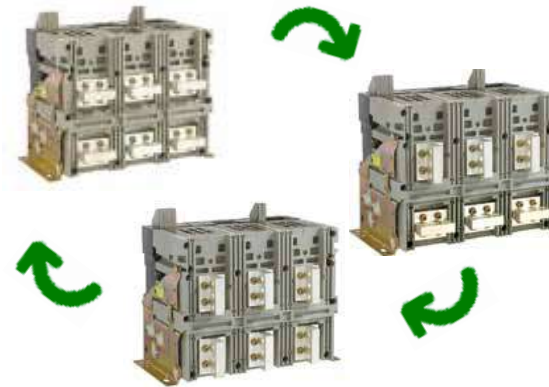
Horizontal

800A	1b 50x10
1000A	1b 63x10
1250A	2b 40x10
1600A	2b 63x10
2000A	2b 63x10
2500A	2b 80x10
3200A	3b 100x10
4000A	5b 100x10

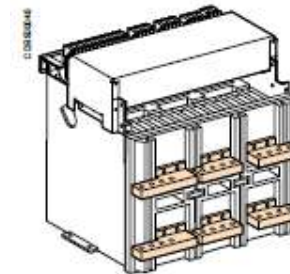
Copper connection; 40°; No. of 10mm thick bars

Flexibility in bus bar

Rear Terminal orientation from H to V



800-3200A



4000A only horizontal connection

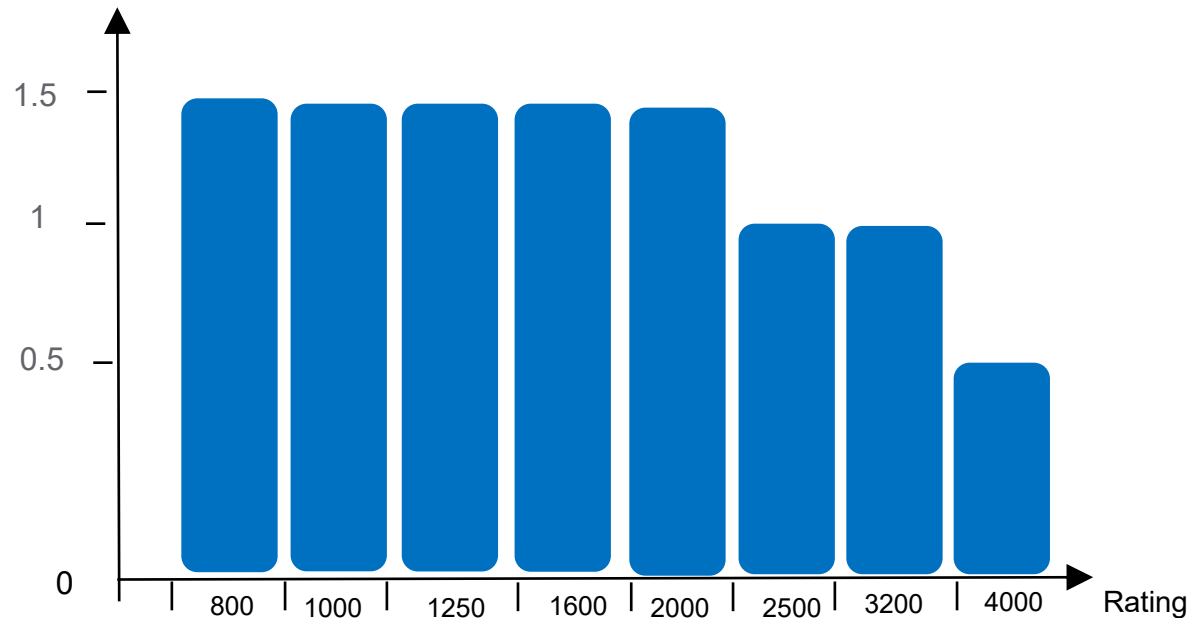
EasyPact MVS T3: Endurance @ 1140V AC

Electrical endurance

Only without maintenance



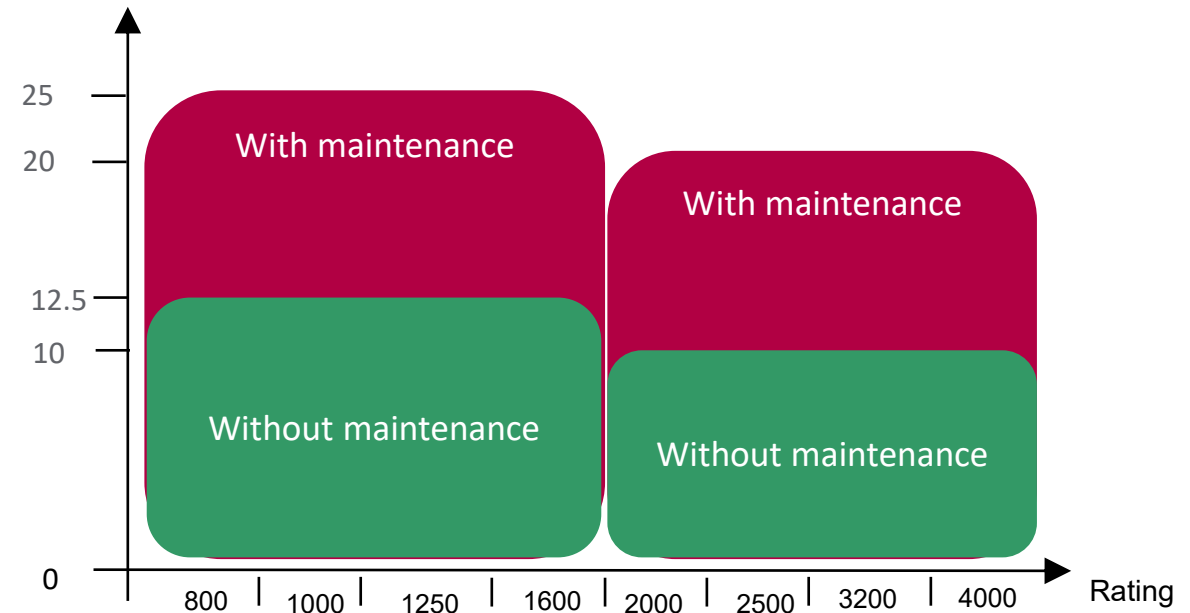
No of cycles x1000



Mechanical endurance

With & without maintenance

No of cycles x1000



EasyPact MVS T3

Order code definition

MVS	08	T3	3	F	6	A	2
Range Name	Current Rating 08: 800A 10: 1000A 12: 1250A 16: 1600A 20: 2000A 25: 2500A 32: 3200A 40: 4000A	Breaking Capacity Breaker: T3:l _{cu} =l _{cs} =l _{cw} 1s=66KA	Pole 3: 3Pole	Installation F: Fixed D: Drawout	Protection 5: LSI* 6: LSIG**	Trip Unit Type 0: No metering A: Current metering	Operation 0: Manually operated ACB/SD 2: Electrical 200/240VAC Incl MX/XF/MCH

* ET5S for semi assembly

** ET6A for full assembly

Life Is On

Schneider
Electric