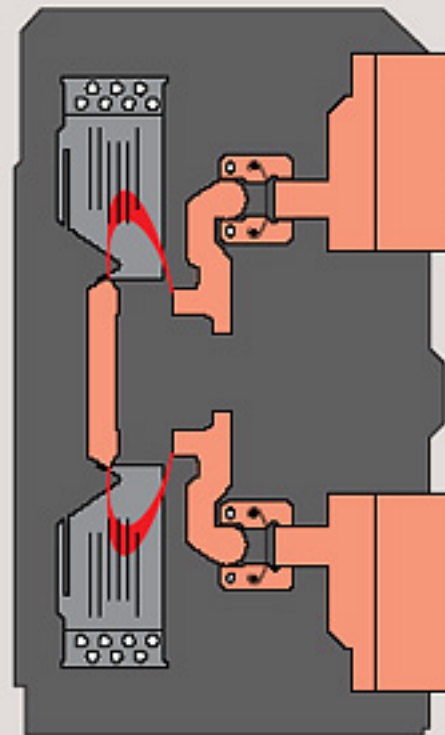




Very fast interruption by “DoubleBreak” system※

The unique “DoubleBreak” main contact system ensures extremely fast interruption of short circuit currents and substantially reduces main contact wear. The internally symmetrical “DoubleBreak” structure means the moving contact is isolated from the supply voltage even when the ACB is reverse connected. The neutral pole of all *TemPower2* ACBs are of early make/late break design. This eliminates the risk of abnormal line to neutral voltages, which may damage sensitive electronic equipment.

“DoubleBreak” contacts increase service life - Electrical and mechanical endurance ratings are the best available, and exceed the requirements of IEC 60947-2.



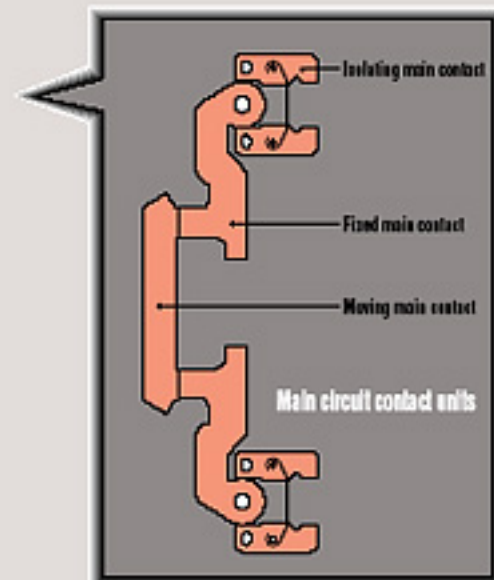
※: Ex



No clamp screws used for the main circuit contact units※

There are no clamp screws or flexible leads in the main circuit contact units.

This substantially enhances the durability of the main circuit contact units and improves the reliability in ON-OFF operation.



※: Ex



Easy Maintenance

The unique design of *TemPower2* incorporates its isolating clusters and main contacts on the ACB body. Allowing for quick easy maintenance of the main electrical contact points and for maintenance to be completed





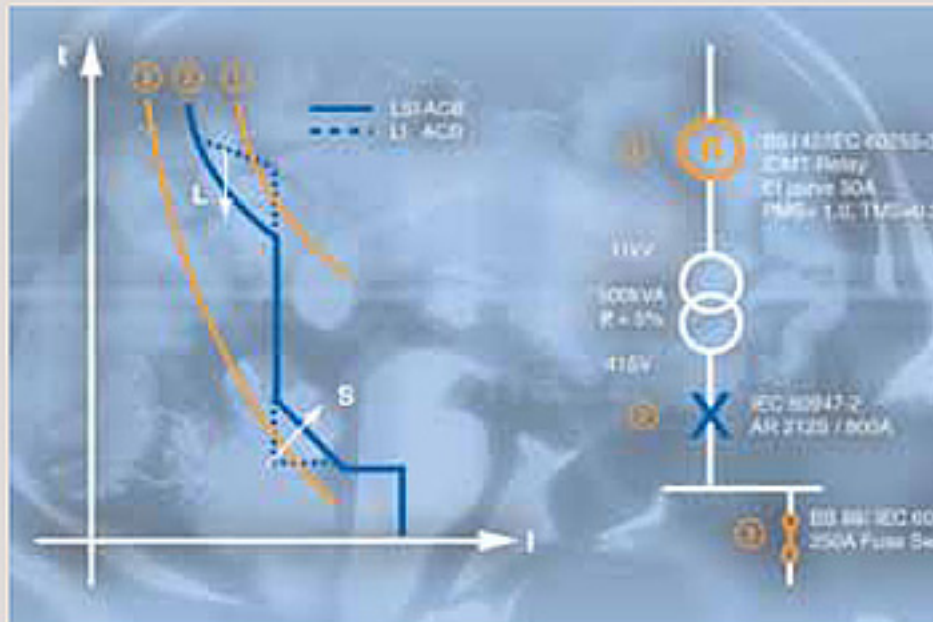
Enhanced selectivity

At Terasaki our protection relays have 'LSI' characteristics as standard.

This provides an adjustable time delay on overload (L) and also the I²t ramp characteristic (S).

As shown, these are essential to provide selectivity when grading with other protective devices such as downstream fuses and upstream relays.

The standard 'LSI' curve provides more than five million combinations of unique time current characteristics. Zone selective interlocking is available to provide zero time delay selectivity.



As the rated breaking capacity is identical to the rated short-time withstand current full selectivity can be achieved.

Type and rated current		AR206S 800A	AR212H 1250A	AR325S 2500A	AR316H 1600A	AR440SB 4000A	AR650S 5000A	AR663H
Performance		AR212S 1250A	AR210H 1600A	AR332S 3200A	AR320H 2000A	AR440S 4000A	AR663S 6300A	
Rated breaking current (at AC440V)	With INST trip function	65kA	80kA	85kA	100kA	100kA	120kA	135kA
	With ST delay trip function (Without ISET trip functions)							
Rated short-time withstand current (for 1 sec.)								



A substantial improvement in life cycles

The TemPower2 series has achieved very high life cycles compared with our competitors.

