

GR2-L

UP TO 24kV 630A 21kA
MODULAR RMU

Safe | Reliable | Compact



Maintenance free, compact & modular SF₆ gas insulated distribution switchgear

Introducing TAMCO GR2-L modular SF₆ distribution switchgear which consists of combinations of the Vacuum interrupter based circuit breaker (VCB) units, Load Break Switch (LBS) units and Load Break Switch Fuse (LBSF) units.

TAMCO has been manufacturing and selling GIS & RMUs since early 90s. At TAMCO, operator safety has always been given top priority & is of utmost concern. Hence the compact GR2-L (400mm width modules) has been successfully tested @ **25kA IAC for 1 sec** rating with gas duct arrangement. Moreover mimic diagram with fixed facia provides safe **"behind close door operation"** with no or minimal operator training.

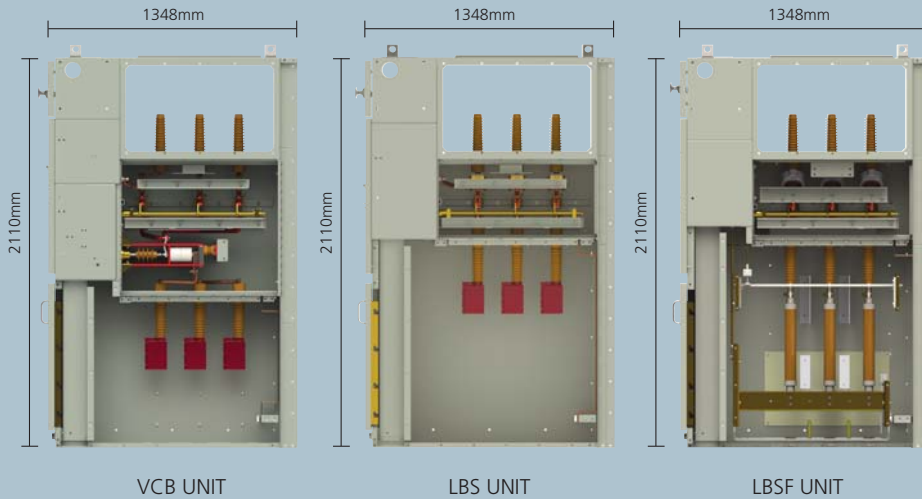
GR2-L's modular design provides a perfect platform for building reliable distribution network in compact space.

With a wide after sales and service network, TAMCO ensures that the experts nearest to customer region are available for customer support at all the time.

The switchgear specialist

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Type-tested according to IEC62271-1, IEC62271-200, IEC62271-100, IEC62271-102, IEC62271-103 & IEC62271-105.

Loss of Service Continuity: LSC2B
 Partition Class : PM
 Internal Arc Classification : IAC AFLR 25kA – 1s
 Ingress Protection Class : IP4X

* Height may vary based on different configuration.

ELECTRICAL CHARACTERISTICS		GR2 L01-VI	GR2 L10	GR2 L01-SF
		(VCB)	(LBS)	(LBSF)
Rated voltage	kV	24		
Rated current	A	630	630	200
Rated frequency	Hz	50		
Rated short time current	kA/3sec	21		
Rated s. c. making current	kAp	52.5		
Rated s.c.sym.breaking current	kA	21		
Rated impulse voltage (1.2/50)	kVp	125 / 145		
Rated A.C. 1 min pf voltage	kV-rms	50 / 60		
Internal arc	kA-1sec	25		
Height	mm	2110*		
Depth	mm	1348		
Width	mm	400	400	500

DESIGN FOR SAFETY

TAMCO regards safety as the most important specification of switchgear design and operation and the following proven safety features have been built into type GR2-L.

- No exposure to live parts
- Operational safety due to incorporation of PERMISSIVE interlock, PROOF OF EARTH, POINT OF ISOLATION etc
- Comprehensive pad – locking facilities
- Mimic diagrams and position indicators to guide the operators
- Arc fault tested at 25kA for 1 sec

PRODUCT VARIANTS

- Ring main and transformer feeder panels
- Bus Sectionalizer
- Bus Riser
- Metering panels
- Bus VT & Line VT

FEATURES

- Most compact foot print with rigid structure
- SF₆ gas insulated switch
- Air Insulated busbars and cable termination
- No SF₆ gas handling at site
- Safe, positive and fool proof interlocks
- Cable door & earthing switch interlocked
- Pad-lockable VCB & 3-position motorized switches
- Fully modular design with extension on both sides
- SF₆ content approx. 1.5Kg
- Separate gas duct
- IAC 25kA for 1sec tested

CUSTOMER BENEFITS

- Reduces cubicle space by > 35%
- Suitable for highly polluted environment
- Safe operation behind close door
- Ease of installation sealed for life
- Peace of mind with maintenance free
- Productivity maximization
- No or minimal training to the operator

GR2-L_R0



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Manufacturer has a right to make changes in course of technical development and to meet specific requirements. As the standard and specification can subject to change please take confirmation of information provided in the publication.