

MV prefabricated equipment SM6 GAM Cubicle

Incoming or Outgoing Cable - Unit up to 24 kV

Introduction :

GAM is part of SM6 product range. This SM6 range is made up of modular unit and used for the MV section of MV/LV substation in secondary distribution system up to 24 kV.

Application :

GAM is incoming or outgoing cable connection unit, used for incoming or outgoing cable connection to busbar.

This cubicle is normally installed together in the system with other part of SM6 product range such as IM, IMC, QM, QMC, PM, DM1, DM2, etc., in accordance with the design of a distribution system.

Characteristic :

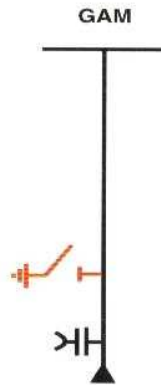
Rated maximum Voltage (kV)	12		24	
	Rated voltage (kVrms)	7.2	12	17.5
Rated insulation level				
- 50Hz for 1 min (kVrms)	20	28	38	50
- impulse 1.2/50 μ s (kVp)	60	75	95	125
Rated current				
- busbar (A)	630		630	
Short time withstand current				
- for rated current 630 A (kA/1s)	12.5/14.5		12.5/14.5	
	16		16	

Basic Equipment :

- Voltage indicators
- Three phase busbar 630 A
- Connection bars

Optional Accessories :

- Large LV compartement on top of the cubicle, h=450 mm.
- Key-type locks.
- Earthing switch.



Standard Recommendation

IEC standard :

IEC 298, 265, 129, 694, 420, 56

UTE standard :

NFC 13.100, 13.200, 64.130, 64.160

EDF specification :

HNI 64-S-41, 64-S-43
SNI K-29-HB-01
K-30-HB-02

Colour :

White RAL 9002 Smooth
Grey RAL 7030 Smooth
(option)

Over all dimension	GAM
Width	500 mm
Depth	1020 mm
Height	1600 mm
Approximate weight	120 kg

Merlin Gerin