

# Thermal Adjustable Type

SGM6s Moulded Case  
Circuit Breaker



► DEKRA

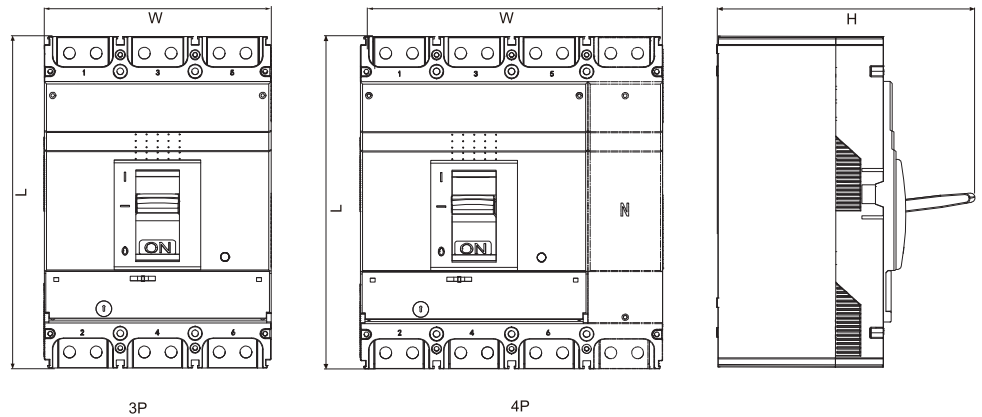
| Ratings And Specifications                             |                                                                                                                | Thermal Adjustable Type |  |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------|--|
| Frame Size                                             |                              |                         |  |
| Model                                                  | SGM6s-1600                                                                                                     |                         |  |
| Number of poles                                        | 3,4                                                                                                            |                         |  |
| Rated current(A) In                                    | 1000,1250,1600                                                                                                 |                         |  |
| Magnetic tripping current (Ii)                         | 10*In                                                                                                          |                         |  |
| Thermo-adjustable setting Ir(xIn)                      | 0.8/0.9/1.0                                                                                                    |                         |  |
| Standard                                               | IEC60947-2                                                                                                     |                         |  |
| Reference temperature                                  | 40°C/55°C                                                                                                      |                         |  |
| Rated operational voltage                              | 380/400/415V AC                                                                                                |                         |  |
| Rated insulation voltage Ui (V)                        | 1000                                                                                                           |                         |  |
| Rated impluse withstand voltage Uimp (kV)              | 8                                                                                                              |                         |  |
| Breaking capacity level                                | M                                                                                                              | H                       |  |
| Rated ultimate short-circuit breaking capacity Icu(kA) | 66                                                                                                             | 85                      |  |
| Rated service short-circuit breaking capacity Ics(kA)  | 50                                                                                                             | 66                      |  |
| Icu=Ics(kA)                                            | 50                                                                                                             | 66                      |  |
| Mechanical Endurance<br>Electrical Endurance           | 2500<br>500                                                                                                    |                         |  |
| Installation                                           | Auxiliary contact(OF)<br>Alarm switch(SD)<br>Shunt tirp(MX)<br>Under-voltage release(MN)<br>AC Motor Mechanism |                         |  |

## Product Dimension Drawing

## Thermal Adjustable Type

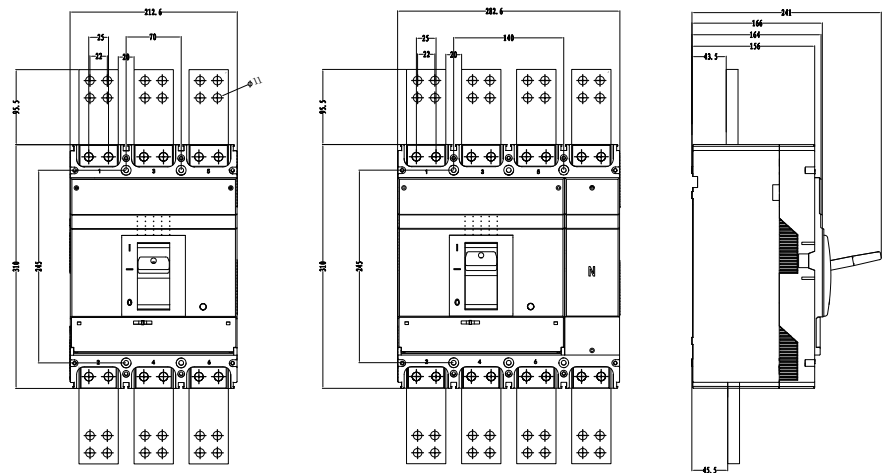
### SGM6s

1600 (3P/4P)



### SGM6/6S/6SM/6E

1600 (3P/4P)



## SGM6 Dimensions mm(L×W×H)

| Frame Size |        | 1600 |    |        |     |
|------------|--------|------|----|--------|-----|
| 3P         | Length | 310  | 4P | Length | 310 |
|            | Width  | 212  |    | Width  | 282 |
|            | Height | 242  |    | Height | 242 |