



|                                                           |  |  |  |                                                 |
|-----------------------------------------------------------|--|--|--|-------------------------------------------------|
| Product designation                                       |  |  |  | Enclosed switch<br>disconnecter                 |
| Product type designation                                  |  |  |  | GAZM                                            |
| Number of poles                                           |  |  |  | Nr. 3                                           |
| Operating voltage type                                    |  |  |  | AC                                              |
| Contact characteristics                                   |  |  |  |                                                 |
| IEC Conventional free air thermal current I <sub>th</sub> |  |  |  | A 16                                            |
| Rated insulation voltage U <sub>i</sub> IEC/EN            |  |  |  | V 1000                                          |
| Rated impulse withstand voltage U <sub>imp</sub>          |  |  |  | kV 8                                            |
| Operating current I <sub>e</sub>                          |  |  |  |                                                 |
| AC21A                                                     |  |  |  |                                                 |
| 400V                                                      |  |  |  | A 16                                            |
| 500V                                                      |  |  |  | A 16                                            |
| 690V                                                      |  |  |  | A 16                                            |
| AC22A                                                     |  |  |  |                                                 |
| 400V                                                      |  |  |  | A 16                                            |
| 500V                                                      |  |  |  | A 16                                            |
| 690V                                                      |  |  |  | A 16                                            |
| AC23A                                                     |  |  |  |                                                 |
| 400V                                                      |  |  |  | A 16                                            |
| 500V                                                      |  |  |  | A 16                                            |
| 690V                                                      |  |  |  | A 16                                            |
| Power dissipation per pole max                            |  |  |  | W 0.2                                           |
| Rated operational power AC23A                             |  |  |  |                                                 |
| 400V                                                      |  |  |  | kW 7.5                                          |
| 690V                                                      |  |  |  | kW 11                                           |
| Conditional short-circuit current (rms)                   |  |  |  | kA 10                                           |
| Short-circuit protection with fuse                        |  |  |  | Class/A gG16                                    |
| Making capacity AC23A 400V                                |  |  |  | A 400                                           |
| Breaking capacity AC23A 400V                              |  |  |  | A 320                                           |
| Mechanical life                                           |  |  |  | cycles 100000                                   |
| Electrical life AC21A                                     |  |  |  | cycles 100000                                   |
| Mechanical features                                       |  |  |  |                                                 |
| Operating position                                        |  |  |  | normal<br>allowable<br><br>Vertical plan<br>Any |
| Terminals                                                 |  |  |  |                                                 |
| type                                                      |  |  |  | Pillar                                          |
| width                                                     |  |  |  | mm 5.6                                          |
| height                                                    |  |  |  | mm 6.5                                          |
| screw                                                     |  |  |  | M4                                              |
| tool                                                      |  |  |  | Phillips 2                                      |
| Tightening torque for terminals                           |  |  |  |                                                 |
| min                                                       |  |  |  | Nm 1.8                                          |
| max                                                       |  |  |  | Nm 2                                            |

|  |     |      |    |
|--|-----|------|----|
|  | min | Ibin | 16 |
|  | max | Ibin | 18 |

Conductor section

|               |                 |      |
|---------------|-----------------|------|
| IEC min       | mm <sup>2</sup> | 0.75 |
| IEC max       | mm <sup>2</sup> | 16   |
| AWG/kcmil min |                 | 18   |
| AWG/kcmil max |                 | 6    |

Ambient conditions

Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +55 |

Storage temperature

|     |    |     |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

Max altitude

|   |      |
|---|------|
| m | 3000 |
|---|------|

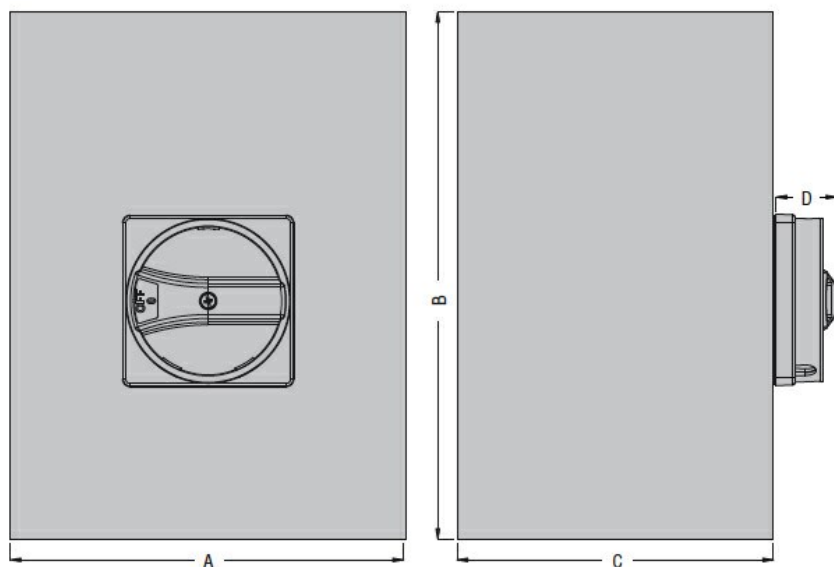
Resistance & Protection

|                   |      |
|-------------------|------|
| Frontal IP degree | IP65 |
|-------------------|------|

|                         |      |
|-------------------------|------|
| IP degree of protection | IP65 |
|-------------------------|------|

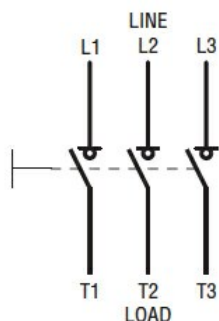
|                  |   |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

Dimensions



| Type                 | A           | B           | C           | D          |
|----------------------|-------------|-------------|-------------|------------|
| GAZM016...GAZM100... | 150 (5.90") | 200 (7.87") | 120 (4.72") | 23 (0.90") |

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter