

ENERGY AND AUTOMATION

UL/CSA TYPE 4/4X NON-METALLIC ENCLOSURED SWITCH DISCONNECTOR, THREE-POLE. WITH ROTATING BLACK HANDLE, 63A



| Product designation | | | Enclosed switch disconnector |
|---|---------|---------|------------------------------|
| Product type designation | | | GAZ |
| Number of poles | | Nr. | 3 |
| Operating voltage type | | | AC |
| Contact characteristics | | | |
| IEC Conventional free air thermal current Ith | | Α | 80 |
| Rated insulation voltage Ui IEC/EN | | V | 1000 |
| Rated impulse withstand voltage Uimp | | kV | 8 |
| Operating current le | | | |
| AC21A | | | |
| | 400V | Α | 80 |
| | 500V | Α | 80 |
| | 690V | Α | 80 |
| AC22A | | | |
| · · · · · · · · · · · · · · · · · · · | 400V | Α | 80 |
| | 500V | Α | 80 |
| | 690V | Α | 80 |
| AC23A | | ,, | |
| 7.0207 | 400V | Α | 80 |
| | 500V | A | 63 |
| | 690V | A | 47 |
| Power dissipation per pole max | 0001 | W | 2.6 |
| Rated operational power AC23A | | V V | 2.0 |
| Nated operational power AG25A | 400V | kW | 45 |
| | 690V | kW | 45 |
| Conditional short-circuit current (rms) | 090 v | kA | 50 |
| Short-circuit protection with fuse | | Class/A | gG80 |
| | | | 800 |
| Making capacity AC23A 400V | | A | |
| Breaking capacity AC23A 400V | | A | 640 |
| Mechanical life | | cycles | 30000 |
| Electrical life AC21A | | cycles | 30000 |
| Mechanical features | | | |
| Operating position | | | |
| | normal | | Vertical plan |
| | lowable | | Any |
| Terminals | | | |
| | type | | Pillar |
| | width | mm | 12.4 |
| | height | mm | 10.4 |
| | screw | | M8 |
| | tool | | Metric Allen key 4 |
| Tightening torque for terminals | | | |
| | min | Nm | 5 |
| | max | Nm | 6 |
| | | | |





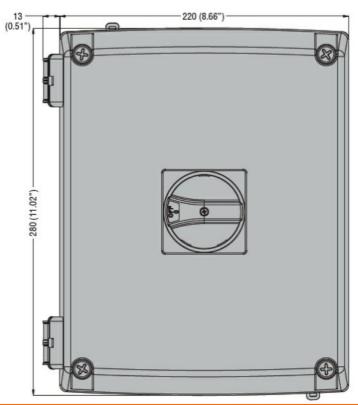
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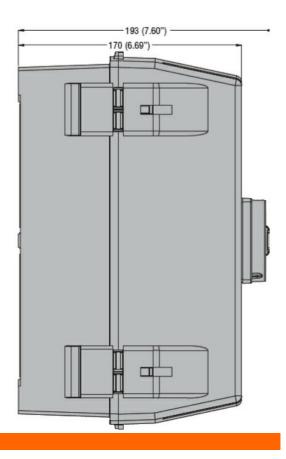
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| | min | Ibin | 45 |
|---|---------------|---------|---------------------|
| | max | Ibin | 54 |
| Conductor section | | | |
| | IEC min | mm² | 4 |
| | IEC max | mm² | 70 |
| | AWG/kcmil min | | 12 |
| | AWG/kcmil max | | 1 |
| UL technical data | | | |
| General purpose current rating | | Α | 100 |
| Operating voltage max | | V | 600 |
| Horsepower/FLA current single phase motor | | | |
| | 120V | HP | 3/34 |
| | 240V | HP | 10/50 |
| Horsepower/FLA current three phase motor | | | |
| | 240V | HP | 25/68 |
| | 480V | HP | 40/52 |
| | 600V | HP | 40/41 |
| Short circuit rating | | kA rms | 50 |
| Short circuit rating with fuse | | Class/A | J/100 |
| 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 |
| UL degree of protection | | | UL/CSA Type 4/4X |
| IP degree of protection | | | IP65 |
| Pollution degree | | | 3 |
| Dimensions | | | |

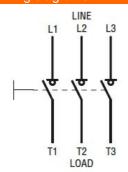
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Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

cULus

EAC

ETIM classification

ETIM 8.0

EC000216 -Switch disconnector