



HW1N308DB

ACB HW1 42kA 800A 3P Drawout TU sentinel LSI, VCVC

Technical Features

Electric current

| | |
|--|-------|
| Rated current | 800 A |
| Rated ultimate short-circuit breaking capacity I_{cu} under 400 V AC IEC 60947-2 | 42 kA |
| Rated service breaking capacity I_{cs} under 230 V AC according to IEC 60947-2 | 42 kA |
| Rated service breaking capacity I_{cs} under 400 V AC according to IEC 60947-2 | 42 kA |

Endurance

| | |
|--|-------|
| Electric endurance in number of cycles | 6000 |
| Number of mechanical operations | 25000 |

Voltage

| | |
|---|---------|
| Rated insulation voltage U_i | 1000 V |
| Rated impulse withstand voltage U_{imp} | 12000 V |
| Type voltage supply | AC |

Resistance

| | |
|---------------------|----------------|
| Internal resistance | 50 $\mu\Omega$ |
|---------------------|----------------|

Architecture

| | |
|---------------------------|---------|
| Number of poles | 3 |
| Number of protected poles | 3 |
| Device construction type | Drawout |
| Type of pole | 3P3D |

Tripping

| | |
|-------------------------------|-------|
| Time of response when closing | 45 ms |
|-------------------------------|-------|

Power

| | |
|---------------------------|---------|
| Total power loss under IN | 64.60 W |
|---------------------------|---------|