



HWS2E420D1AE

**Air Circuit Breaker HWS2 66kA 2000A 4P Drawout LSI**

**Technical Features**

**Electric current**

|                                                                               |        |
|-------------------------------------------------------------------------------|--------|
| Rated current                                                                 | 2000 A |
| Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2 | 66 kA  |
| Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2   | 66 kA  |
| Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2   | 66 kA  |

**Endurance**

|                                        |       |
|----------------------------------------|-------|
| Electric endurance in number of cycles | 8000  |
| Number of mechanical operations        | 12000 |

**Voltage**

|                                      |        |
|--------------------------------------|--------|
| Rated insulation voltage Ui          | 1000 V |
| Rated impulse withstand voltage Uimp | 12 kV  |
| Type voltage supply                  | AC     |

**Resistance**

|                     |                  |
|---------------------|------------------|
| Internal resistance | 18.3 $\mu\Omega$ |
|---------------------|------------------|

**Architecture**

|                           |         |
|---------------------------|---------|
| Number of poles           | 4       |
| Number of protected poles | 4       |
| Device construction type  | Drawout |
| Type of pole              | 4P      |

**Tripping**

|                               |       |
|-------------------------------|-------|
| Time of response when closing | 40 ms |
|-------------------------------|-------|

**Power**

|                           |         |
|---------------------------|---------|
| Total power loss under IN | 273.4 W |
|---------------------------|---------|

**Sustainability**

|                 |     |
|-----------------|-----|
| Halogen free    | Yes |
| REACH-SVHC free | Yes |
| RoHS conform    | Yes |