



HW1M316DB

**ACB HW1 55kA 1600A 3P Drawout TU sentinel LSI, VCVC**

**Technical Features**

**Electric current**

|                                                                                    |        |
|------------------------------------------------------------------------------------|--------|
| Rated current                                                                      | 1600 A |
| Rated ultimate short-circuit breaking capacity $I_{cu}$ under 400 V AC IEC 60947-2 | 55 kA  |
| Rated service breaking capacity $I_{cs}$ under 230 V AC according to IEC 60947-2   | 55 kA  |
| Rated service breaking capacity $I_{cs}$ under 400 V AC according to IEC 60947-2   | 55 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 $I_N$ | 358.60 W |
|------------------------------|----------|

**Sustainability**

|              |     |
|--------------|-----|
| RoHS conform | Yes |
|--------------|-----|