# Technical sheet



**RCBO with overcurrent protection Easy9 1P+N 20A C curve 6000A AC type 30mA**

Marque: SCHNEIDER ELECTRIC

Ref Product: wire:EZ9D35620

Ref Mcmining: SCEZ9D35620

| Description | |
|---|---|
| Residual current breaker with overcurrent protection (RCBO), Easy9, 1P+N, 20A, C curve, 6000A, AC type, 30mA | |
| EZ9D35620 | |
| **Specifications** | |
| **Main** | |
| **Range** | Easy9 |
| **Product or component type** | Residual current breaker with overcurrent protection (RCBO) |
| **Poles** | 1P + N |
| **Neutral position** | Left |
| **Number of protected poles** | 1 |
| **[In] rated current** | 20 A |
| **network type** | AC |
| **Trip unit technology** | Thermal-magnetic |
| **Curve code** | C |
| **Earth-leakage sensitivity** | 30 mA |
| **Earth-leakage protection time delay** | Instantaneous |
| **Earth-leakage protection class** | Type AC |

| | |
|---|---|
| **Breaking capacity** | 6000 A |
| **Complementary** | |
| **Device application** | Protection |
| **Device location in system** | Outgoer |
| **Network frequency** | 50 Hz |
| **[Ue] rated operational voltage** | 230 V AC 50 Hz |
| **Magnetic tripping limit** | 5...10 x In |
| **Rated breaking and making capacity** | 4500 A |
| **[Uimp] rated impulse withstand voltage** | 4 kV |
| **Contact position indicator** | Yes |
| **Control type** | Toggle |
| **Mounting support** | DIN rail |
| **Mounting mode** | Clip-on |
| **9 mm pitches** | 4 |
| **Height** | 82 mm |
| **Width** | 36 mm |
| **Depth** | 70.5 mm |
| **Mechanical durability** | 10000 cycles |
| **Electrical durability** | 4000 cycles |
| **Connections - terminals** | Tunnel type terminal (top or bottom) 1…16 $mm^2$ rigid |
| | Tunnel type terminal (top or bottom) 1…16 $mm^2$ flexible |
| **Tightening torque** | 2 N.m top or bottom |
| **Earth-leakage protection** | Integrated |
| **Environment** | |
| **Standards** | **IEC 61009-1** |
| **IP degree of protection** | **IP20** |

| IP40 (modular enclosure) | |
|---|---|
| **Tropicalisation** | 2 conforming to IEC 60068-2-30 |
| **Relative humidity** | 95 % at 55 °C |
| **Ambient air temperature for operation** | -5…60 °C |
| **Ambient air temperature for storage** | -40…85 °C |