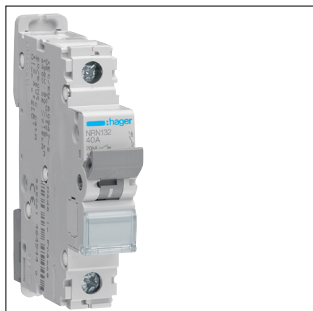




NRN132

### MCB 1P 20kA C-32A 1M

#### Technical Features

##### Electric current

|                                                                                  |         |
|----------------------------------------------------------------------------------|---------|
| Rated current $I_N$                                                              | 32 A    |
| Rated service breaking capacity $I_{cs}$ under 230 V AC according to IEC 60947-2 | 7.50 kA |
| Rated ultimate short-circuit breaking capacity $I_{cu}$ AC IEC 60947-2           | 20 kA   |

##### Architecture

|              |    |
|--------------|----|
| Type of pole | 1P |
| Curve        | C  |

##### Capacity

|                   |   |
|-------------------|---|
| Number of modules | 1 |
|-------------------|---|

##### Main electrical attributes

|                                                                            |       |
|----------------------------------------------------------------------------|-------|
| Rated short-circuit breaking capacity $I_{cn}$ AC according to IEC 60898-1 | 10 kA |
|----------------------------------------------------------------------------|-------|

##### Installation, mounting

|                                         |                |
|-----------------------------------------|----------------|
| Nominal tightening torque top terminal  | 2.80 - 2.80 Nm |
| Nominal tightening torque down terminal | 2.80 - 2.80 Nm |

##### Voltage

|                                           |             |
|-------------------------------------------|-------------|
| Rated operational voltage $U_e$           | 240 - 415 V |
| Type voltage supply                       | AC          |
| Rated insulation voltage $U_i$            | 500 V       |
| Rated impulse withstand voltage $U_{imp}$ | 6000 V      |

##### Frequency

|           |            |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

##### Connection

|                                                                        |                        |
|------------------------------------------------------------------------|------------------------|
| Cross-section of input and output with screws, for massive conductors  | 1 - 35 mm <sup>2</sup> |
| Cross-section of input and output with screws, for flexible conductors | 1 - 25 mm <sup>2</sup> |
| Cross-section of input with screws, for flexible conductors            | 1 - 25 mm <sup>2</sup> |
| Cross-section of input with screws, for massive conductors             | 1 - 35 mm <sup>2</sup> |

##### Installation, mounting

|                                               |                |
|-----------------------------------------------|----------------|
| Nominal tightening torque                     | 2.80 - 2.80 Nm |
| Type of bottom connection for modular devices | biconnect      |
| Type of top connection for modular devices    | Screw terminal |
| 360° mounting position possible               | Yes            |

##### Safety

|                               |       |
|-------------------------------|-------|
| Ingress Protection (IP) class | IP20  |
| Grid distance                 | 60 mm |

##### Use conditions

|                                                          |                  |
|----------------------------------------------------------|------------------|
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2                |
| Class of energy limitation $I^2t$                        | 3                |
| Air humidity protection                                  | For all climates |
| Operating temperature                                    | -25 - 70 °C      |

##### Power

|                            |        |
|----------------------------|--------|
| Power dissipation at $I_N$ | 3.65 W |
|----------------------------|--------|

##### Connectivity

|                                               |                  |
|-----------------------------------------------|------------------|
| Type of connection                            | Screw terminal   |
| Top connection alignment for modular devices  | Aligned terminal |
| Down connection alignment for modular devices | Aligned terminal |

##### Dimensions

|        |       |
|--------|-------|
| Height | 83 mm |
|--------|-------|

| Dimensions |          |
|------------|----------|
| Width      | 17.50 mm |
| Depth      | 70 mm    |