



NCN140A

**MCB 1P 10kA/15kA C-40A 1M**

**Technical Features**

**Electric current**

Rated current	40 A
Rated short-circuit breaking capacity I <sub>cn</sub> under 230 V AC according to IEC 60898-1	10 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 230 V AC IEC 60947-2	15 kA
Rated current 30°C	40 A

**Architecture**

Type of pole	1P
Curve	C

**Capacity**

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

**Main electrical attributes**

Rated short-circuit breaking capacity I <sub>cn</sub> 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 <sub>e</sub>	230 - 400 V
Type voltage supply	AC
Rated insulation voltage U <sub>i</sub>	500 V
Rated impulse withstand voltage U <sub>imp</sub>	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 <sup>2</sup> t	3
Operating temperature	-25 - 70 °C

**Power**

Total power loss under I <sub>N</sub>	3.71 W
---------------------------------------	--------

**Endurance**

Electric endurance in number of cycles	4000
Number of mechanical operations	20000

**Connectivity**

Type of connection	Screw terminal
Top connection alignment for modular devices	Aligned terminal

---

**Connectivity**

---

Down connection alignment for modular devices	Aligned terminal
---	------------------

---

**Dimensions**

---

Height	83 mm
Width	17.50 mm
Depth	70 mm

---

**Sustainability**

---

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

---