



**DETAILED PRODUCT DESCRIPTION:**

**Electrical ratings according to IEC / EN 60947-2- ref. temp. 50°C**

**iC60N Series - electrical ratings**

Number of poles: 1P, 1P+N, 2P, 3P, 4P	Utilization Category: A
Rated frequency: 50/60 Hz	Suitability for insulation: suitable
Rated operational voltage (Ue): 133V/240V, 415V, 440V	Circuit breaker for use in IT system: Yes
Overvoltage category: IV	Tripping curve : B, C, D
Rated impulse withstand voltage: Uimp: 6kV	Degree of protection: IP 20

**1 Pole / 1 Pole + Neutral**

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
100 - 133	0,5 - 4	50	50	105
	6 - 63	20	15	40
220 - 240	0,5 - 4	50	50	105
	6 - 63	10	7,5	17

**2 Poles / 3 Poles / 4 Poles**

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
100 - 133	0,5 - 4	50	50	105
	6 - 63	20	15	40
220 - 240	0,5 - 4	50	50	105
	6 - 63	20	15	40
380 - 415	0,5 - 4	50	50	105
	6 - 63	10	7,5	17
440	0,5 - 4	25	25	52,5
	6 - 63	6	4,5	9

**iC60N Series Double terminal - electrical ratings**

Number of poles: 1P, 1P+N, 2P, 3P, 3P+NG, 3P+ND, 4P	Utilization Category: A
Rated frequency: 50/60 Hz	Suitability for insulation: suitable
Rated operational voltage (Ue): 133V/240V, 415V, 440V	Circuit breaker for use in IT system: Yes
Overvoltage category: IV	Tripping curve : B, C, D
Rated impulse withstand voltage: Uimp: 6kV	Degree of protection: IP 20

**1 Pole / 1 Pole + Neutral**

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
100 - 133	0,5 - 4	70	70	154
	6 - 63	30	15	63
220 - 240	0,5 - 4	70	70	154
	6 - 63	15	7,5	30

**2 Poles / 3 Poles / 4 Poles**

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
220 - 240	0,5 - 4	70	70	154
	6 - 63	30	15	63
380 - 415	0,5 - 4	70	70	154
	6 - 63	15	7,5	30
440	0,5 - 4	50	50	105
	6 - 63	10	5	17

**iC60H Series - electrical ratings**

Number of poles: 1P, 1P+N, 2P, 3P, 4P	Utilization Category: A
Rated frequency: 50/60 Hz	Suitability for insulation: suitable
Rated operational voltage (Ue): 133V/240V, 415V, 440V	Circuit breaker for use in IT system: Yes
Overvoltage category: IV	Tripping curve : B, C, D
Rated impulse withstand voltage: Uimp: 6kV	Degree of protection: IP 20

**1 Pole / 1 Pole + Neutral**

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
100 - 133	0,5 - 4	70	70	154
	6 - 63	30	15	63
220 - 240	0,5 - 4	70	70	154
	6 - 63	15	7,5	30

**2 Poles / 3 Poles / 4 Poles**

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
220 - 240	0,5 - 4	70	70	154
	6 - 63	30	15	63
380 - 415	0,5 - 4	70	70	154
	6 - 63	15	7,5	30
440	0,5 - 4	50	50	105
	6 - 63	10	5	17

### iC60H Series Double terminal - electrical ratings

Number of poles: 1P, 1P+N, 2P, 3P, 4P	Utilization Category: A
Rated frequency: 50/60 Hz	Suitability for insulation: suitable
Rated operational voltage (Ue): 133V/240V, 415V, 440V	Circuit breaker for use in IT system: Yes
Overtoltage category: IV	Tripping curve : B, C, K, Z
Rated impulse withstand voltage: Uimp: 6kV	Degree of protection: IP 20

#### 1 Pole / 1 Pole + Neutral

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
100 - 133	0,5 - 4	70	70	154
	6 - 63	30	15	63
220 - 240	0,5 - 4	70	70	154
	6 - 63	15	7,5	30

#### 2 Poles / 3 Poles / 4 Poles

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
220 - 240	0,5 - 4	70	70	154
	6 - 63	30	15	63
380 - 415	0,5 - 4	70	70	154
	6 - 63	15	7,5	30
440	0,5 - 4	50	50	105
	6 - 63	10	5	17

### iC60L Series - electrical ratings

Number of poles: 1P, 1P+N, 2P, 3P, 4P	Utilization Category: A
Rated frequency: 50/60 Hz	Suitability for insulation: suitable
Rated operational voltage (Ue): 133V/240V, 415V, 440V	Circuit breaker for use in IT system: Yes
Overtoltage category: IV	Tripping curve : B, C, K, Z
Rated impulse withstand voltage: Uimp: 6kV	Degree of protection: IP 20

#### 1 Pole

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
100 - 133	0,5 - 4	100	100	220
	6 - 25	50	50	105
	32 - 40	36	18	75,6
	50 - 63	30	15	63
220 - 240	0,5 - 4	100	100	220
	6 - 25	25	12,5	52,5
	32 - 40	20	10	40
	50 - 63	15	7,5	30

#### 2 Poles / 3 Poles / 4 Poles

Ue (V)	In (A)	Icu (kA)	Ics (kA)	Icm (kA)
100 - 133	0,5 - 4	100	100	220
	6 - 25	50	50	105
	32 - 40	36	18	75,6
	50 - 63	30	15	63
220 - 240	0,5 - 4	100	100	220
	6 - 25	50	25	105
	32 - 40	36	18	75,6
	50 - 63	30	15	63
380 - 415	0,5 - 4	100	100	220
	6 - 25	25	12,5	52,5
	32 - 40	20	10	40
	50 - 63	15	7,5	30
440	0,5 - 4	70	70	154
	6 - 25	20	10	40
	32 - 40	15	7,5	30
	50 - 63	10	5	17

**APPLICATION / LIMITATIONS:**

For indoor installation.

**TYPE APPROVAL DOCUMENTATION:**

CATALOG Acti 9

**CB test Certificates:**

DE1-46675; DE1-46675/M2, DE1-50595

**L2E Laboratory test reports:**

201210125\_002 (05/03/2013), 201210125-004 (11/03/2013), 201210125-005 (20/02/2013), 201210125-008 (07/03/2013)

**VDE test reports:**

5010831-4402-0001-2-118536-iC60N; 5010831-4402-0001-3-118536- iC60H; 5010831-4402-0001-4-118536-iC60L;  
5010831-4402-0012-170099-1; 5010831-4402-0012-170099-2

**MARKING OF PRODUCT:**

As is indicate in product description.

**CONDITIONS FOR CERTIFICATION:**

No