



ID 100

ID 80

ID 60

ID 46

ID 33

ID 33

FEATURES

- Selable Terminal / Wire type Output
- Panel Mount
- Accuracy : Class 1 to 5

Input / Output Specifications

Rated primary rating	: 30A to 600A
Rated secondary output	: 5A

Technical Specifications

Rated burden	: 1.5VA to 5VA
Class of accuracy	: 1 to 5
Thermal Nominal Continuous	: 120% of In
Rated Current (I _{cth})	
Thermal short circuit current (I _{th})	: I _{th} =60 X In for 1 sec
Instrument security factor	: FS<5
Insulation class	: B
Max operating voltage (U _m)	: 720V maximum
Isolation test voltage	: 3kV AC 1 min
Nominal rated frequency	: AC 50Hz
Max. lugs size	: 8mm
Frequency	: 50/60Hz

Compliance

Mounting modes	: Panel Mount
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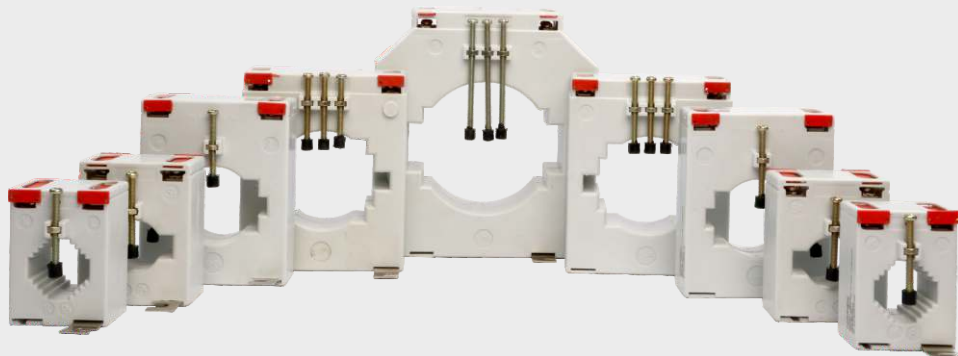
Standard

Applicable standard	: IEC 61869-2 / IS 2705
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Dimension (All are in mm)

ABS (RING TYPE)					
RANGE	ID	OD	HT	ACCURACY	VA BURDEN
800/5	80	100	35	1.0%	10
1000/5	80	100	35	1.0%	15
1200/5	80	100	35	1.0%	15
1500/5	100	135	35	1.0%	15
1600/5	100	135	35	1.0%	15
2000/5	100	135	35	1.0%	15
2500/5	100	135	35	1.0%	15
3000/5	100	135	35	1.0%	15

ABS (RING TYPE)					
RANGE	ID	OD	HT	ACCURACY	VA BURDEN
50/5A	31	66	36	5%	3
60/5A	31	66	36	5%	3
75/5A	31	66	36	5%	3
100/5A	31	66	36	1.0%	5
150/5A	31	66	36	1.0%	5
200/5A	31	66	36	1.0%	5
250/5A	31	66	36	1.0%	5
200/5A	46	76	36	1.0%	5
250/5A	46	76	36	1.0%	5
300/5A	46	76	36	1.0%	5
400/5A	46	76	36	1.0%	5
300/5A	60	100	36	1.0%	10
400/5A	60	100	36	1.0%	10
500/5A	60	100	36	1.0%	10
600/5A	60	100	36	1.0%	10



FEATURES

- Casing : ABS plastic
- Din Rail Mounting
- Use with Different Bus Bar
- Class 1.0 / 0.5% accuracy

Certifications: CE

Input / Output Specifications

Rated primary rating	: 30A to 4000A
Rated secondary output	: 5A

Technical Specifications

Rated burden	: 1.5VA to 15VA
Class of accuracy	: 0.5
Thermal short circuit current (I _{th})	: I _{th} =60 X I _H
Dynamic short circuit current (I _{dyn})	: Dynamic short circuit current (I _{dyn})
Instrument security factor	: FS<5
Insulation class	: B
System voltage	: 720V maximum
Test voltage	: 3kV AC 1 min
Operating frequency	: AC 50Hz-60Hz

Environmental Specifications

Ambient temperature	: 20°C - +75°C
Humidity	: < 95% RH (non condensing)
Storage temperature	: -5°C - +45°C

Compliance

Case	: Made from ABS Plastic
Mounting modes	: DIN rail
Connection	: Two connection on each side. M4 screws with self lifting clamp strap for all type

Standard

Applicable standard	: IEC/EN 60044 -1, BS 3938
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Dimension (mm)

RANGE	RATIO	WINDOW DIMENSIONS FOR BUS BAR (mm)	OVERALL DIMENSIONS H x W x TH (mm)
301	75/5A to 400/5A	30 x 10	70 x 49 x 32
401	150/5A to 600/5A	40 x 12	78 x 60 x 32
501	300/5A to 1250/5A	51 x 11	92 x 85 x 32
601	400/5A to 1600/5A	60 x 10	108 x 85 x 32
801	400/5A to 2000/5A	80 x 10	122 x 100 x 40
1001	800/5A to 3000/5A	100 x 30	160 x 135 x 40

NE 301

BUS BAR 30 X 10 mm

ACCURACY CLASS			
PRIMARY CURRENT	1VA	2.5VA	5VA
75	3		
80	3		
100	1		
125	1		
150	1	3	
200		1	
250		1	
300		1	
400			1

NE 401

BUS BAR 40 X 12 mm

ACCURACY CLASS		
PRIMARY CURRENT	2.5VA	5VA
150	1	
200	1	
250	1	
300	1	
400		1
500		1
600		1

NE 501

BUS BAR 51 X 11 mm

ACCURACY CLASS			
PRIMARY CURRENT	2.5VA	5VA	10VA
300	1.0		
400	1.0		
500	1.0		
600		1.0	
750		1.0	
800		1.0	
1000			1.0
1200			1.0
1250			1.0

NE 601

BUS BAR 60 X 10 mm

ACCURACY CLASS		
PRIMARY CURRENT	10VA	15VA
400	1	
500	1	
600	0.5	1
800	0.5	1
1000	0.5	1
1200		1
1500		1
1600		1

NE 801

BUS BAR 80 X 10 mm

ACCURACY CLASS			
PRIMARY CURRENT	5VA	10VA	15VA
400	1		
500	1		
600	1		
800		0.5	1
1000		0.5	1
1200		0.5	1
1500		0.5	1
1600		0.5	1
2000		0.5	1

NE 1001

BUS BAR 100 X 30 mm

ACCURACY CLASS			
PRIMARY CURRENT	10VA	15VA	30VA
800	0.5	1	
1000		0.5	
1200		0.5	
1500		0.5	
1600		0.5	
2000		0.5	1
2500		0.5	1
3000			0.5
4000			0.5

Ordering Information

PRODUCT NAME	DESCRIPTIONS
NE3010030	NE SERIES 301 30/5
NE3010050	NE SERIES 301 50/5
NE3010060	NE SERIES 301 60/5
NE3010075	NE SERIES 301 75/5
NE3010080	NE SERIES 301 80/5
NE3010100	NE SERIES 301 100/5
NE3010125	NE SERIES 301 125/5
NE3010150	NE SERIES 301 150/5
NE3010200	NE SERIES 301 200/5
NE3010250	NE SERIES 301 250/5
NE3010300	NE SERIES 301 300/5
NE3010400	NE SERIES 301 400/5

PRODUCT NAME	DESCRIPTIONS
NE4010150	NE SERIES 401 50/5
NE4010200	NE SERIES 401 200/5
NE4010250	NE SERIES 401 250/5
NE4010300	NE SERIES 401 300/5
NE4010400	NE SERIES 401 400/5
NE4010500	NE SERIES 401 500/5
NE4010600	NE SERIES 401 600/5
NE5010300	NE SERIES 501 300/5
NE5010400	NE SERIES 501 400/5
NE5010500	NE SERIES 501 500/5
NE5010600	NE SERIES 501 600/5
NE5010750	NE SERIES 501 750/5
NE5010800	NE SERIES 501 800/5
NE5011000	NE SERIES 501 1000/5
NE5011200	NE SERIES 501 1200/5
NE5011250	NE SERIES 501 1250/5
NE6010400	NE SERIES 601 400/5
NE6010500	NE SERIES 601 500/5
NE6010600	NE SERIES 601 600/5
NE6010800	NE SERIES 601 800/5
NE6011000	NE SERIES 601 1000/5
NE6011200	NE SERIES 601 1200/5
NE6011500	NE SERIES 601 1500/5
NE6011600	NE SERIES 601 1600/5
NE8010400	NE SERIES 801 400/5
NE8010500	NE SERIES 801 500/5
NE8010600	NE SERIES 801 600/5
NE8010800	NE SERIES 801 800/5
NE8011000	NE SERIES 801 1000/5
NE8011200	NE SERIES 801 1200/5
NE8011500	NE SERIES 801 1500/5
NE8011600	NE SERIES 801 1600/5
NE8012000	NE SERIES 801 2000/5
NE10010800	NE SERIES 1001 800/5
NE10011000	NE SERIES 1001 1000/5
NE10011200	NE SERIES 1001 1200/5
NE10011500	NE SERIES 1001 1500/5
NE10011600	NE SERIES 1001 1600/5
NE10012000	NE SERIES 1001 2000/5
NE10012500	NE SERIES 1001 2500/5
NE10013000	NE SERIES 1001 3000/5
NE10014000	NE SERIES 1001 4000/5