



Functions

Switching and isolation function

Both Pin or Fork busbar connection.

Protection against fire hazard caused by insulation faults

Protection against the effects of sinusoidal alternating earth fault currents

Protection against indirect contacts and additional protection against direct contacts.

Used in residential building, non-residential building, energy sources, industry and infrastructure.

Type S: For selectivity, with time- relay.

Type AC: For which tripping is ensured for residual sinusoidal alternating currents, whether suddenly applied or slowly rising.

Type A: For which tripping is ensured for residual sinusoidal alternating currents and residual pulsating direct currents, whether suddenly applied or slowly rising.

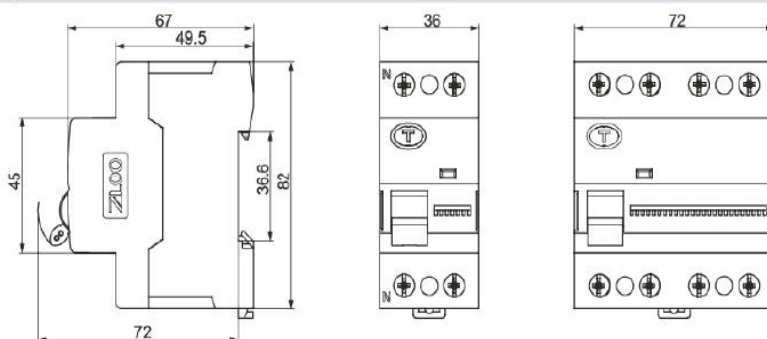
Tripping sensitivity data:

RCCB with a rated residual current of maximum 30mA are used for personnel , material and fire protection, as well as for protection against direct contact.

Parameters

Rated Current(In):	16A,20A,25A,32A,40A,63A,80A,100A
Number of Pole :	1P+N(2P) , 3P+N(4P)
Rated residual currents (I _{rn}):	30mA, 100mA, 300mA
Sensitivity to residual current:	AC , A ,S
Rated short circuit I _{cn} (kA):	6kA , 10kA
Rated working voltage(U _e):	230V/240V AC , 400V/415V AC
Rated frequency:	50/60Hz
Rated insulated voltage (U _i):	500VAC
Rated impulse withstand voltage(U _{imp}):	6kV
Mechanical endurance:	20000 cycles
Electrical endurance:	10000 cycles
Back-up fuse for overload:	I _n =16A-40A 25A gG , I _n =63A 40A gG
Back-up fuse for short circuit:	I _n =16A-40A 63A gG , I _n =63A 63A gG
Protection degree:	IP20
Terminal tightening torque (N.m):	2-2.5
Wiring termination:	35mm ²
Ambient temperature (°C):	-25~+55, max. 95 % humidity
Altitude above sea:	≤ 2000
Conformed standards :	IEC/EN 61008-1

Dimensions (mm)



TYPE AC 1P+N



In(A)	Pole	Sensitivity Rresidual Current:	Order Code			BOX	CTN
			30mA	100mA	300mA	PCS	PCS
16A	1P+N	AC	HLL81N16003AC	HLL81N1601AC	HLL81N1603AC	1	60
25A	1P+N	AC	HLL81N25003AC	HLL81N2501AC	HLL81N2503AC	1	60
32A	1P+N	AC	HLL81N32003AC	HLL81N3201AC	HLL81N3203AC	1	60
40A	1P+N	AC	HLL81N40003AC	HLL81N4001AC	HLL81N4003AC	1	60
63A	1P+N	AC	HLL81N63003AC	HLL81N6301AC	HLL81N6303AC	1	60
80A	1P+N	AC	HLL81N80003AC	HLL81N8001AC	HLL81N8003AC	1	60
100A	1P+N	AC	HLL81N10003AC	HLL81N10001AC	HLL81N10003AC	1	60

TYPE AC 3P+N



16A	3P+N	AC	HLL83N16003AC	HLL83N1601AC	HLL83N1603AC	1	30
25A	3P+N	AC	HLL83N25003AC	HLL83N2501AC	HLL83N2503AC	1	30
32A	3P+N	AC	HLL83N32003AC	HLL83N3201AC	HLL83N3203AC	1	30
40A	3P+N	AC	HLL83N40003AC	HLL83N4001AC	HLL83N4003AC	1	30
63A	3P+N	AC	HLL83N63003AC	HLL83N6301AC	HLL83N6303AC	1	30
80A	3P+N	AC	HLL83N80003AC	HLL83N8001AC	HLL83N8003AC	1	30
100A	3P+N	AC	HLL83N10003AC	HLL83N10001AC	HLL83N10003AC	1	30

TYPE A 1P+N



16A	1P+N	A	HLL81N16003A	HLL81N1601A	HLL81N1603A	1	60
25A	1P+N	A	HLL81N25003A	HLL81N2501A	HLL81N2503A	1	60
32A	1P+N	A	HLL81N32003A	HLL81N3201A	HLL81N3203A	1	60
40A	1P+N	A	HLL81N40003A	HLL81N4001A	HLL81N4003A	1	60
63A	1P+N	A	HLL81N63003A	HLL81N6301A	HLL81N6303A	1	60
80A	1P+N	A	HLL81N80003A	HLL81N8001A	HLL81N8003A	1	60
100A	1P+N	A	HLL81N10003A	HLL81N10001A	HLL81N10003A	1	60

TYPE A 3P+N



16A	3P+N	A	HLL83N16003A	HLL83N1601A	HLL83N1603A	1	30
25A	3P+N	A	HLL83N25003A	HLL83N2501A	HLL83N2503A	1	30
32A	3P+N	A	HLL83N32003A	HLL83N3201A	HLL83N3203AC	1	30
40A	3P+N	A	HLL83N40003A	HLL83N4001A	HLL83N4003A	1	30
63A	3P+N	A	HLL83N63003A	HLL83N6301A	HLL83N6303A	1	30
80A	3P+N	A	HLL83N80003A	HLL83N8001A	HLL83N8003A	1	30
100A	3P+N	A	HLL83N10003A	HLL83N10001A	HLL83N10003A	1	30

Carton Size:46.5*24*17.5cm

G.W.: 13KGS

N.W.:12KGS