

ALR Series

Residual Current Circuit Breaker

Technical data

Standard	EN / IEC61008-1
Rated conditional short-circuit current, I_{nc}	6kA
Protection	Ground fault
Rated current, I_n	16,25,32,40,50,63,80A
Number of poles	2(1+N), 4(3+N) pole
Rated sensitivity currents, $I_{\Delta n}$	10,30,100,300mA
Rated residual non-operating current	$0.5 \times I_{\Delta n}$
Rated impulse withstand voltage U_{imp}	4kV
Rated voltages	2pole: 240VAC 4pole: 415 VAC
Ambient temperature ($^{\circ}C$)	-25~+40, Max. 95%humidity
Residual current off-time at $I_{\Delta n}$	$\leq 0.1s$
Rated residual current making & breaking capacity, $I_{\Delta m}$	500A for $I_n=16,25,32,40,50$ 630A for $I_n=63A$ 800A for $I_n=80A$
Type of trip	Electro-magnetic release
Type of terminal	Lug type and Pin type
Terminal capacity	Cables up to 25mm ²
Protection degree	IP20
Installation	35mm DIN rail



ALR-2P



ALR-4P

ALR RCD



ALR-2P



ALR-4P

Rated current(A)	I_n	Type AC	Type A	Packing unit
16	10mA	ALR/2/16/10	ALR/2/16/10-A	1
25		ALR/2/25/10	ALR/2/25/10-A	1
16	30mA	ALR/2/16/30	ALR/2/16/30-A	1
25		ALR/2/25/30	ALR/2/25/30-A	1
32		ALR/2/32/30	ALR/2/32/30-A	1
40		ALR/2/40/30	ALR/2/40/30-A	1
50		ALR/2/50/30	ALR/2/50/30-A	1
63		ALR/2/63/30	ALR/2/63/30-A	1
80	100mA	ALR/2/80/30	ALR/2/80/30-A	1
16		ALR/2/16/100	ALR/2/16/100-A	1
25		ALR/2/25/100	ALR/2/25/100-A	1
32		ALR/2/32/100	ALR/2/32/100-A	1
40		ALR/2/40/100	ALR/2/40/100-A	1
50		ALR/2/50/100	ALR/2/50/100-A	1
63	300mA	ALR/2/63/100	ALR/2/63/100-A	1
80		ALR/2/80/100	ALR/2/80/100-A	1
16	300mA	ALR/2/16/300	ALR/2/16/300-A	1
25		ALR/2/25/300	ALR/2/25/300-A	1
32		ALR/2/32/300	ALR/2/32/300-A	1
40		ALR/2/40/300	ALR/2/40/300-A	1
50		ALR/2/50/300	ALR/2/50/300-A	1
63		ALR/2/63/300	ALR/2/63/300-A	1
80	10mA	ALR/2/80/300	ALR/2/80/300-A	1
16		ALR/4/16/10	ALR/4/16/10-A	1
25	30mA	ALR/4/25/10	ALR/4/25/10-A	1
16		ALR/4/16/30	ALR/4/16/30-A	1
25		ALR/4/25/30	ALR/4/25/30-A	1
32		ALR/4/32/30	ALR/4/32/30-A	1
40		ALR/4/40/30	ALR/4/40/30-A	1
50		ALR/4/50/30	ALR/4/50/30-A	1
63	100mA	ALR/4/63/30	ALR/4/63/30-A	1
80		ALR/4/80/30	ALR/4/80/30-A	1
16	100mA	ALR/4/16/100	ALR/4/16/100-A	1
25		ALR/4/25/100	ALR/4/25/100-A	1
32		ALR/4/32/100	ALR/4/32/100-A	1
40		ALR/4/40/100	ALR/4/40/100-A	1
50		ALR/4/50/100	ALR/4/50/100-A	1
63		ALR/4/63/100	ALR/4/63/100-A	1
80	300mA	ALR/4/80/100	ALR/4/80/100-A	1
16		ALR/4/16/300	ALR/4/16/300-A	1
25	300mA	ALR/4/25/300	ALR/4/25/300-A	1
32		ALR/4/32/300	ALR/4/32/300-A	1
40		ALR/4/40/300	ALR/4/40/300-A	1
50		ALR/4/50/300	ALR/4/50/300-A	1
63		ALR/4/63/300	ALR/4/63/300-A	1
80		ALR/4/80/300	ALR/4/80/300-A	1