

LOADLIMITER 63 AFDD 3 MODULE

Main Features

- Meets the requirements of BSEN 62606 & BSEN 61009-1
- Single Pole and Switch Neutral configuration
- Complete protection: RCBO & AFDD in one device
- LED indication of various faults
- Overcurrent and short circuit protection of both poles
- Triple module: Type A
- 10kA Rated breaking capacity
- Rated voltage 240V and rated frequency 50Hz
- Maximum cable termination capacity is 25mm²
- Maximum terminal torque is 3Nm

CATALOGUE NUMBERS

Current Rating (A)	Sensitivity (mA)	B Type Product Code	C Type Product Code
6	30	KAR2PB0630A	KAR2PC0630A
10	30	KAR2PB1030A	KAR2PC1030A
16	30	KAR2PB1630A	KAR2PC1630A
20	30	KAR2PB2030A	KAR2PC2030A
32	30	KAR2PB3230A	KAR2PC3230A

Technical data

Rated voltage	240 V AC
Rated residual operating current	30mA
Rated frequency	50Hz
Type	A
Tripping characteristics	B,C
Rated short-circuit capacity	10kA
Rated insulation voltage	440V
Rated impulse withstand voltage	4kV (1,2/50ms)
Peak withstand current	3kA (8/20ms) surge current proof
Voltage range test circuit	135-264V
Minimum operating voltage for AFDD function	180V
Rated residual making and breaking capacity	4500A
Max back up fuse	100A gG
Insulating class	B
Mechanical endurance	20,000
Electrical endurance	10,000
Degree of protection IP30	
Supply possibility	Top or bottom
Resistance to vibrations acc. to IEC 60068-2-7	5g (10,60 & 500Hz)

In [A]	Power dissipation P/pole [W]	Rh [mΩ]	Rh/pole [mΩ]
6	1,5 - 1,7	126	63
10	1,6 - 1,8	86	43
13	1,8 - 2,0	60	30
16	1,9 - 2,2	48	24
20	2,2 - 2,4	40	20
25	2,8 - 3,1	34	17
32	4,0 - 4,4	24	12



