

Technical Data Sheet

Document Ref: QAP050 Version No: V3

Date: 29/1/21 Owned by: Paul Marland

LOADPRO AFDD RCBO 1 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
- Single module: Type A
- 6kA Rated breaking capacity
- Rated voltage 240V and rated frequency 50Hz
- Maximum cable termination capacity is 25mm²
- Maximum terminal torque is 2Nm



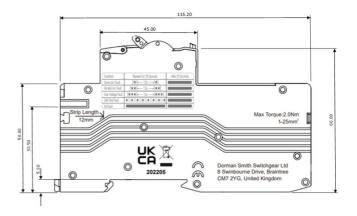
CATALOGUE NUMBERS

Current	Sensitivity	В Туре	C Type
Rating (A)	(mA)	Product Code	Product Code
6	30	MAR1PB0630A	MAR1PC0630A
10	30	MAR1PB1030A	MAR1PC1030A
16	30	MAR1PB1630A	MAR1PC1630A
20	30	MAR1PB2030A	MAR1PC2030A
32	30	MAR1PB3230A	MAR1PC3230A
40	30	MAR1PB4030A	MAR1PC4030A

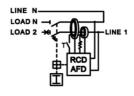
Technical data

Number of poles 1P+N (1 module)
Type of trip Electronic
Mechanical endurance 10,000
Electrical endurance 1200
Degree of protection IP20

 $\begin{array}{lll} \mbox{Ambient temperature} & -25 \sim +40 \ \mbox{°C} \\ \mbox{Supply possibility} & \mbox{Top or bottom} \\ \mbox{Installation} & 35\mbox{mm DIN rail} \\ \mbox{Terminal capacity} & 25\mbox{mm}^2 \end{array}$







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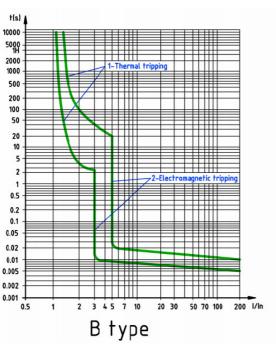
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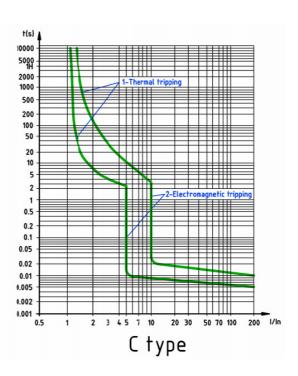
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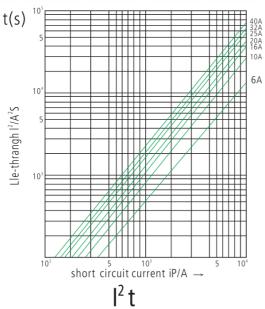
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Curves







Fault Indication Sequence

Condition	LEI	LED Flashing sequence repeats every 1,5 sec for next 25 sec after powering up											After 25 sec									
Series Arc Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	 0	0	0	0	0	0
Parallel Arc Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	 0	0	0	0	0	0
Over Voltage Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	 0	0	0	0	0	0
Self-Test Fault	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	 0	0	0	0	0	0
No Fault	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	 0	0	0	0	0	O



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