



 DLMS™

## FAHAM2 Din rail advanced 1 phase

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## FAHAM2 Din rail advanced 1phase (4.2th edition, Made In Iran)

### Technical details

Type:	<b>FAHAM2 Din rail advanced 1phase</b>
Nominal Voltage :	<b>230v</b>
Nominal Current :	<b>5A</b>
MAX. current :	<b>100A</b>
Operating Voltage :	<b>150v ~ 265v</b>
Withstand Voltage :	<b>460v</b>
Accuracy class :	<b>1. class</b>
Active & Reactive measurement error :	<b>&lt; 1%</b>
Protection Class :	<b>IP 54</b>
class measurement range :	<b>20mA ~ 100A</b>
Connections :	<b>IEC62056 standard "C" mode &amp; "E" mode, DLMS protocol</b>
Connection ports :	<b>Optical port + RS485</b>
Int. battery :	<b>Lithium ion</b>
Ext. battery :	<b>Replaceable CR2032 battery</b>
services :	<b>COSEM-RELEASE service</b>



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Switching On & Off :	<b>Contains 120A internal relay</b>		
Memory :	<b>At least 40years non-volatile memory</b>		
Clock :	<b>Very accurate with Lower than 0.5second</b>		
Date :	<b>Seasonal time(spring, winter) and leap years</b>		
Schedule :	<b>4tariffs</b> consists of: Definable 10days, Definable 30 special days 6 weeks per a season, 6 seasons per a year		
Events :	<b>Capable to record all the events of the electricity meter</b>		
Magnetic fields :	<b>Capable to record DC magnetic fields</b>		
MAX. Demand :	<b>1min ~ 60min Definable time intervals</b>		
Profile bar :	2 types, Based on minute and day with 8 Definable & discrete channels		
Operation Temperature :	<b>(- 40°) ~ (+ 85°)</b>		
Electrical isolation :	<b>4Kv</b>		
Electrostatic ineffectiveness :	<b>15kv – IEC61000-4-2 standard</b>		
EFT :	<b>5kv on each Line (H&amp;N) – NO. IEC61000-4-4 standard</b>		
Electromagnetic compatibility standards ( EMC )	<b>IEC 61000-4-6</b> <b>BS EN 55032 (CISPR 32)</b>	<b>IEC 61000-4-5</b>	<b>IEC 61000-4-3</b> <b>CCISPR 22</b>

