Specifications

Eaton IQA6430

IQ analyzer 6430, 3-phase power module

General specifications

PRODUCT NAME	Eaton IQ analyzer
CATALOG NUMBER	IQA6430
UPC	782114786901
PRODUCT LENGTH/DEPTH	13 in
PRODUCT HEIGHT	8.5 in
PRODUCT WIDTH	11.05 in
PRODUCT WEIGHT	4 lb
WARRANTY	1 year
COMPLIANCES	Contact Manufacturer
CATALOG NOTES	3-phase power module

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Product specifications

TYPE	IQ analyzer 6430
MEMORY	90 KB
%THD - CURRENT AND VOLTAGE	To 50th
INDIVIDUAL HARMONICS MAGNITUDE	To 50th
WAVEFORM CAPTURE SAMPLING RATE	128/cycle
ANSI % REVENUE ACCURACY	C12.20 (0.2)
INSTRUMENTATION	Demand Metering Current & Voltage - % Phase Unbalance Watt Demand Varh View current & voltage phasors on display Displacement Power Factor Current & Voltage - Per Phase Current & Voltage - 3 Phase Average Current & Voltage - 3 Phase Min, Max Per Phase Power Factor Vah Va Vars Apparent Power Factor Wh --Net Watts Wh --Positive & Negative 4 Quadrant Energy Frequency Voltage Neutral-Ground Va demand Time Of Use Energy Ground Current Neutral Current Current Demand
POWER QUALITY ANALYSIS	K-Factor & Crest Factor
WAVEFORM ANALYSIS	Voltage Disturbance Wave Capture Trigger Waveform Capture On Threshold/Input
LOGGING	Event Log Data Logging Time / date stamp
I/O CAPABILITY	Load Shedding Prog. Pulse Output --Wh, Varh, Vah Analog Output

Resources

CATALOGS	Power Distribution and Control Assemblies, Metering Devices, Protective Relays, Software and Connectivity, Volume 3, Tab 9
MULTIMEDIA	Power Systems Experience Center Tour – Metering Focus
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - IQA6430

	Programmable Relay Outputs Programmable Discrete Inputs Voltage Disturbance Trip KYZ output Analog Input Synchronize Demand Window Pulse Input
COMMUNICATIONS	Fully Programmable wo/ dedicated software INCOM Modbus RTU (RS-485)

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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