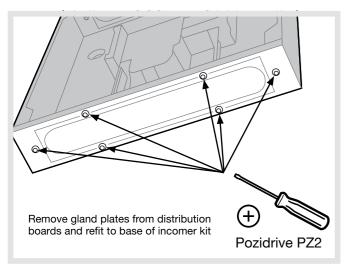
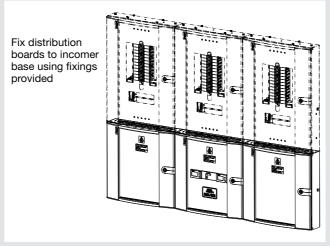
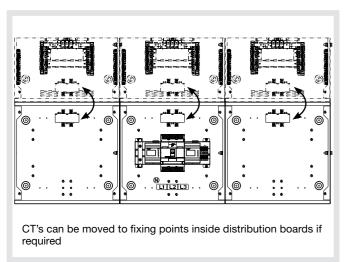
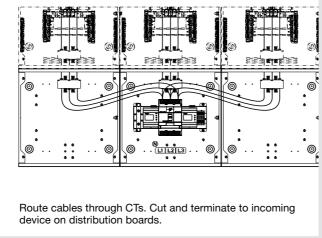
JKD 125A Triple MID Metered TP&N Incomer Instructions/Data Sheet

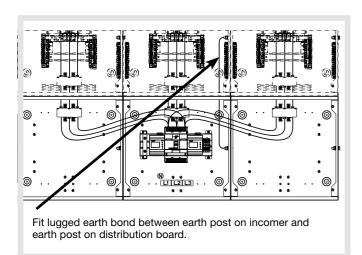


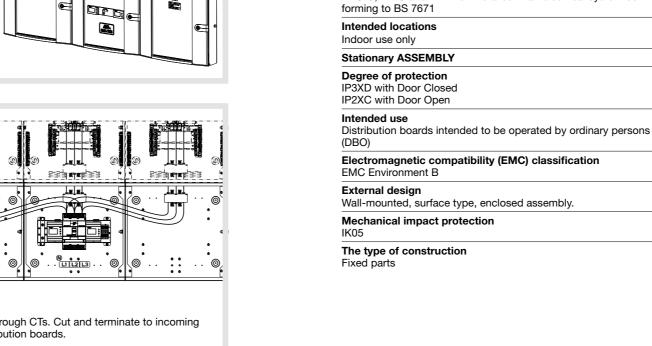




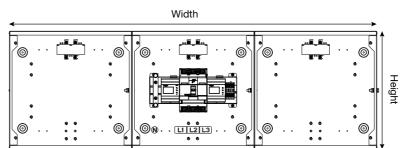








Interface Characteristics	Meter Characteristics		
Rated & operational voltage (U _n / U _e) 415V a.c. 50Hz	Supply 60 to 300V AC, 50/60Hz (±5%)		
Rated insulation voltage (Ui)	Serial Communication		
690V a.c. 50Hz	Interface Standard and Protocol	MID RS485 and MODBUS RTU	
Rated impulse withstand voltage (U _{imp})	Input (CT)		
4kV	Pluggable RJ 11	Input 1/ Input 2	
Rated current of the Assembly (I _{nA}) 125A	Output		
Rated conditional short-circuit current of the ASSEMBLY (I _{CC})	Pulse Output:	Voltage Range : 24V DC max	
10kA1 with equipment and arrangements specified in Hager's tech-		Current Capacity : 100mA max	
nical documentation / catalogue. Protection against electric shock	Pulse Duration :	Selectable Between 0.1 to 2.0sec	
Equipment shall be installed in an electrical system conforming to IEC 60364 / BS 7671	Pulse Weight :	Selectable between 0.01 to 9.99kWh	
Rated frequency (fn) 50 Hz	Accuracy of meter		
Pollution degree	Measurement	Accuracy	
	Voltage VL-N	0.5% of full range	
Types of system earthing for which the ASSEMBLY is designed	Voltage VL-L	0.5% of full range	
TNC-S, TN-S and TT when installed in an electrical system conforming to BS 7671	Current A	0.5% of full range	
Intended locations	Frequency		
Indoor use only	For L-N Voltage >20V		
Stationary ASSEMBLY	For L-L Voltage >35V"	0.1% of full range	
Degree of protection	Active power	1.0% of full range	
IP3XD with Door Closed IP2XC with Door Open	Apparent Power	1.0% of full range	
Intended use	Reactive Power	1.0% of full range	
Distribution boards intended to be operated by ordinary persons	Power Factor	±0.01% of full Range	
(DBO)	Active Energy	1.0% of full range	
Electromagnetic compatibility (EMC) classification EMC Environment B	Reactive Energy	1.0% of full range	
External design	Max/Min Active Power	1.0% of full range	
Wall-mounted, surface type, enclosed assembly.	Max/Min Reactive Power	1.0% of full range	
Mechanical impact protection	Max Apparent Power	1.0% of full range	
IK05	Power Consumption	Less than 8VA	
The type of construction Fixed parts	CT Primary 1 and Primary 2	5A to 10,000A (programmable for any value)	



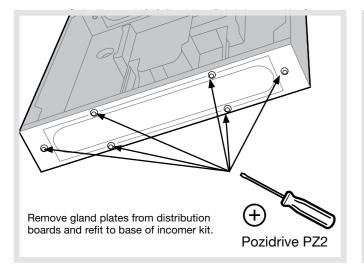


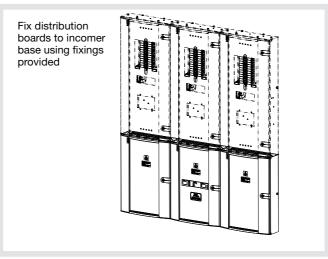
Dimensions	(mm

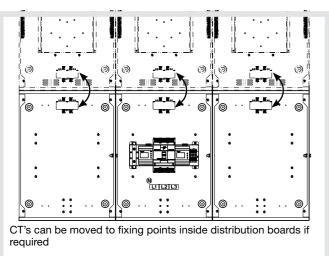
	Height	Width	Depth
JKD125MID	450	1395	132.5

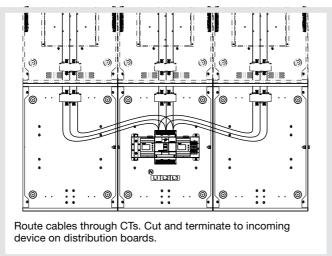


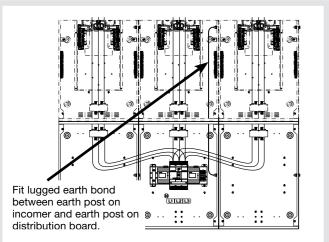
JKD 250A MID Triple Metered TP&N Incomer Instructions/Data Sheet











Interface Characteristics

Rated & operational voltage (Un / Ue) 415V a.c. 50Hz Rated insulation voltage (Ui) 690V a.c. 50Hz

Rated impulse withstand voltage (U_{imp})

Rated current of the Assembly (I_{nA})

RHS Pan Assembly (In) 200A LHS Pan Assembly (In) 200A

Middle Pan Assembly (In) 200A

Rated conditional short-circuit current of the ASSEMBLY (I_{CC}) 10kA1 with equipment and arrangements specified in Hager's technical documentation / catalogue.

Protection against electric shock

Equipment shall be installed in an electrical system conforming to IEC 60364 / BS 7671

Rated frequency (fn) 50 Hz

Pollution degree

Types of system earthing for which the ASSEMBLY is designed TNC-S, TN-S and TT when installed in an electrical system conforming to BS 7671

Intended locations Indoor use only

Stationary ASSEMBLY

Degree of protection

IP3XD with Door Closed

IP2XC with Door Open

Intended use

Distribution boards intended to be operated by ordinary persons (DBO)

Electromagnetic compatibility (EMC) classification

EMC Environment B

External design

Wall-mounted, surface type, enclosed assembly.

Mechanical impact protection

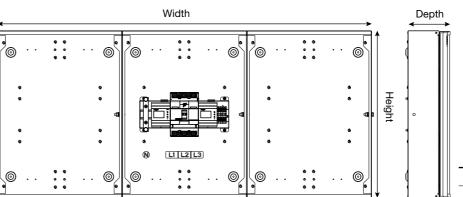
IK05

The type of construction

Fixed parts

Meter Characteristics

Supply	60 to 300V AC, 50/60Hz (±5%)	
Serial Communication	•	
Interface Standard and Protocol	MID MIDRS485 and MODBUS RT	
Input (CT)		
Pluggable RJ 11	Input 1/ Input 2	
Output		
Pulse Output:	Voltage Range : 24V DC max	
	Current Capacity : 100mA max	
Pulse Duration :	Selectable Between 0.1 to 2.0sec	
Pulse Weight :	Selectable between 0.01 to 9.99kWh	
Accuracy of meter		
Measurement	Accuracy	
Voltage VL-N	0.5% of full range	
Voltage VL-L	0.5% of full range	
Current A	0.5% of full range	
Frequency		
For L-N Voltage >20V		
For L-L Voltage >35V"	0.1% of full range	
Active power	1.0% of full range	
Apparent Power	1.0% of full range	
Reactive Power	1.0% of full range	
Power Factor	±0.01% of full Range	
Active Energy	1.0% of full range	
Reactive Energy	1.0% of full range	
Max/Min Active Power	1.0% of full range	
Max/Min Reactive Power	1.0% of full range	
Max Apparent Power	1.0% of full range	
Power Consumption	Less than 8VA	
CT Primary 1 and Primary 2	5A to 10,000A (programmable for any value)	



Dimensions (mm)
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		Height	Width	Depth
	JKD250MID	625	1395	165.5