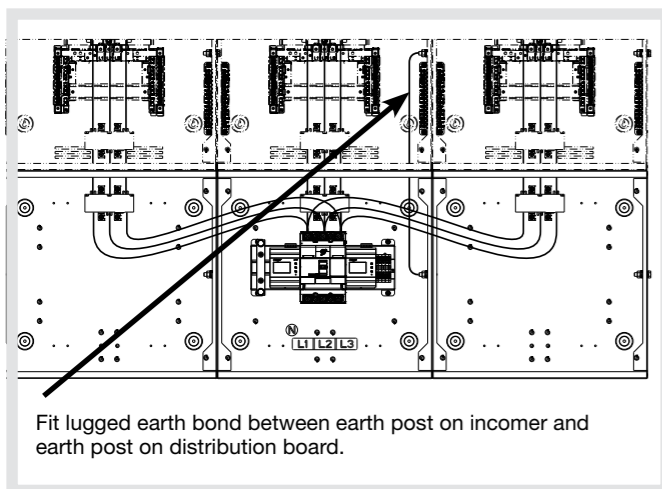
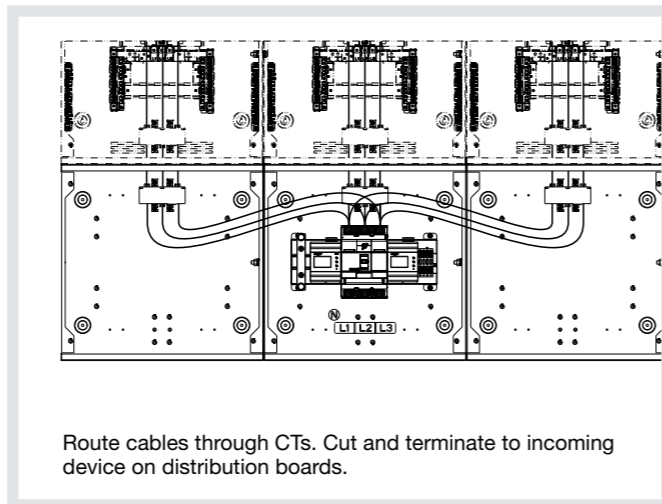
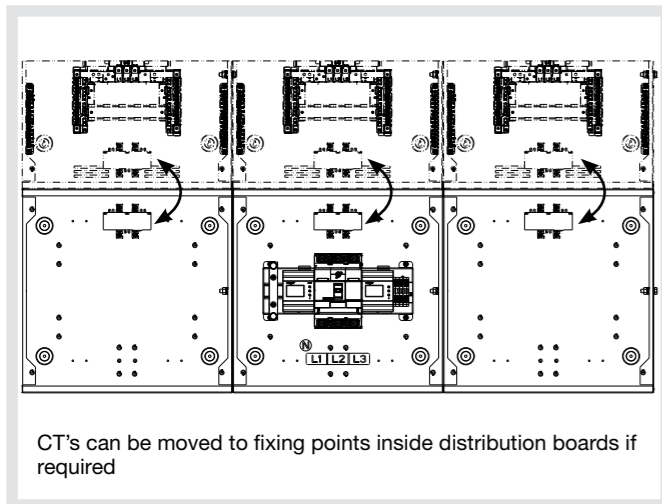
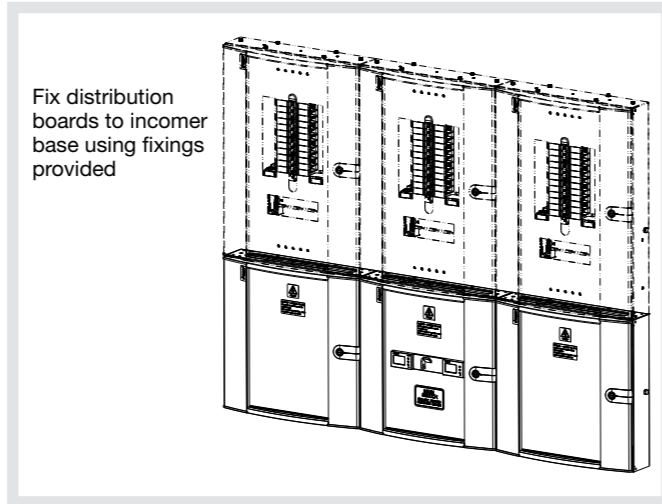
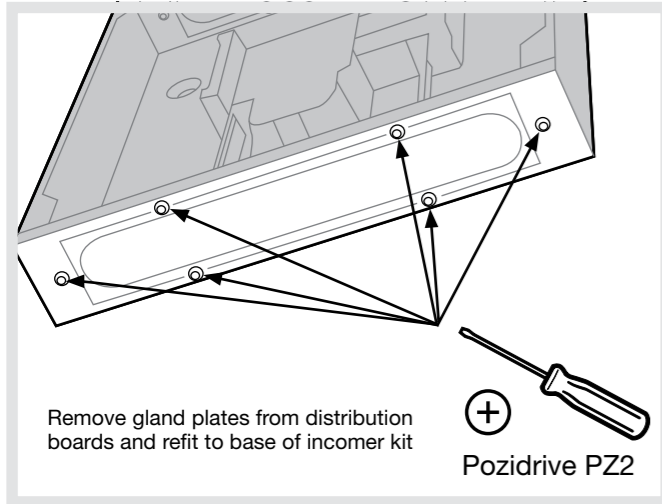
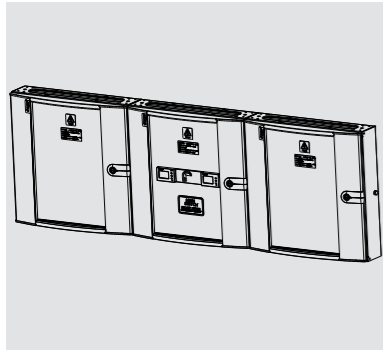


Ⓒ GB JKD 125A Triple MID Metered TP&N  
Incomer Instructions/Data Sheet



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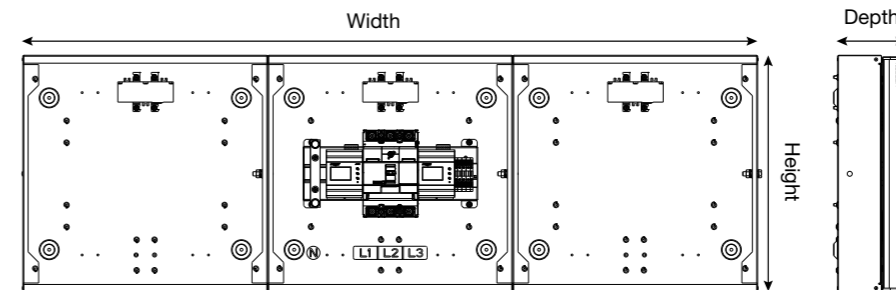
**Interface Characteristics**

<b>Rated &amp; operational voltage (<math>U_n / U_o</math>)</b>	415V a.c. 50Hz
<b>Rated insulation voltage (<math>U_i</math>)</b>	690V a.c. 50Hz
<b>Rated impulse withstand voltage (<math>U_{imp}</math>)</b>	4kV
<b>Rated current of the Assembly (<math>I_{nA}</math>)</b>	125A
<b>Rated conditional short-circuit current of the ASSEMBLY (<math>I_{cc}</math>)</b>	10kA <sup>1</sup> with equipment and arrangements specified in Hager's technical documentation / catalogue.
<b>Protection against electric shock</b>	Equipment shall be installed in an electrical system conforming to IEC 60364 / BS 7671
<b>Rated frequency (<math>f_n</math>)</b>	50 Hz
<b>Pollution degree</b>	2
<b>Types of system earthing for which the ASSEMBLY is designed</b>	TNC-S, TN-S and TT when installed in an electrical system conforming to BS 7671
<b>Intended locations</b>	Indoor use only
<b>Stationary ASSEMBLY</b>	
<b>Degree of protection</b>	IP3XD with Door Closed IP2XC with Door Open
<b>Intended use</b>	Distribution boards intended to be operated by ordinary persons (DBO)
<b>Electromagnetic compatibility (EMC) classification</b>	EMC Environment B
<b>External design</b>	Wall-mounted, surface type, enclosed assembly.
<b>Mechanical impact protection</b>	IK05
<b>The type of construction</b>	Fixed parts

**Meter Characteristics**

<b>Supply</b>	60 to 300V AC, 50/60Hz (±5%)
<b>Serial Communication</b>	
<b>Interface Standard and Protocol</b>	MID RS485 and MODBUS RTU
<b>Input (CT)</b>	
<b>Pluggable RJ 11</b>	Input 1/ Input 2
<b>Output</b>	
<b>Pulse Output:</b>	Voltage Range : 24V DC max Current Capacity : 100mA max
<b>Pulse Duration :</b>	Selectable Between 0.1 to 2.0sec
<b>Pulse Weight :</b>	Selectable between 0.01 to 9.99kWh
<b>Accuracy of meter</b>	
<b>Measurement</b>	Accuracy
<b>Voltage VL-N</b>	0.5% of full range
<b>Voltage VL-L</b>	0.5% of full range
<b>Current A</b>	0.5% of full range
<b>Frequency</b>	
<b>For L-N Voltage &gt;20V</b>	
<b>For L-L Voltage &gt;35V"</b>	0.1% of full range
<b>Active power</b>	1.0% of full range
<b>Apparent Power</b>	1.0% of full range
<b>Reactive Power</b>	1.0% of full range
<b>Power Factor</b>	±0.01% of full Range
<b>Active Energy</b>	1.0% of full range
<b>Reactive Energy</b>	1.0% of full range
<b>Max/Min Active Power</b>	1.0% of full range
<b>Max/Min Reactive Power</b>	1.0% of full range
<b>Max Apparent Power</b>	1.0% of full range
<b>Power Consumption</b>	Less than 8VA
<b>CT Primary 1 and Primary 2</b>	5A to 10,000A (programmable for any value)

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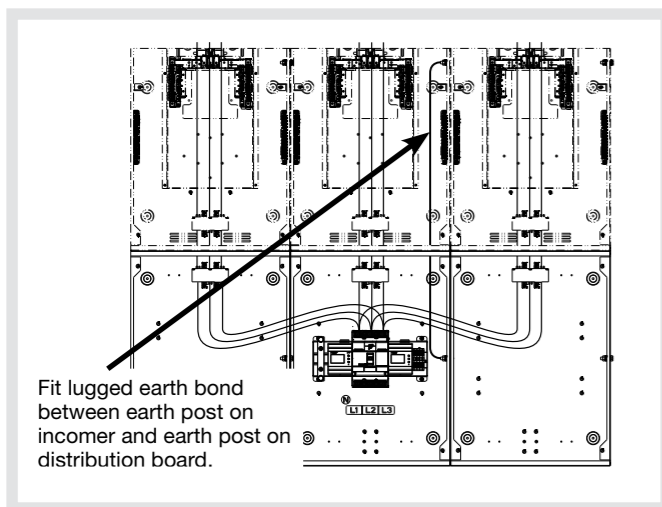
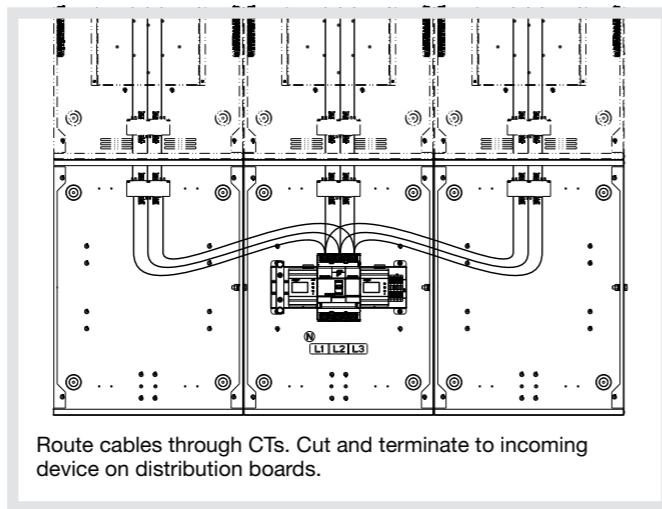
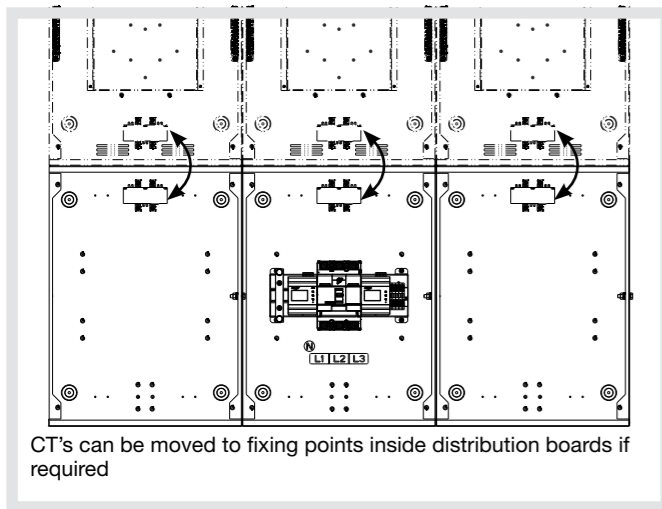
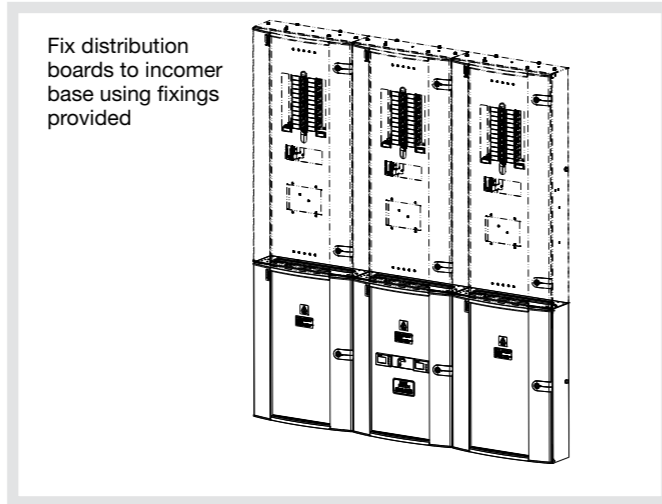
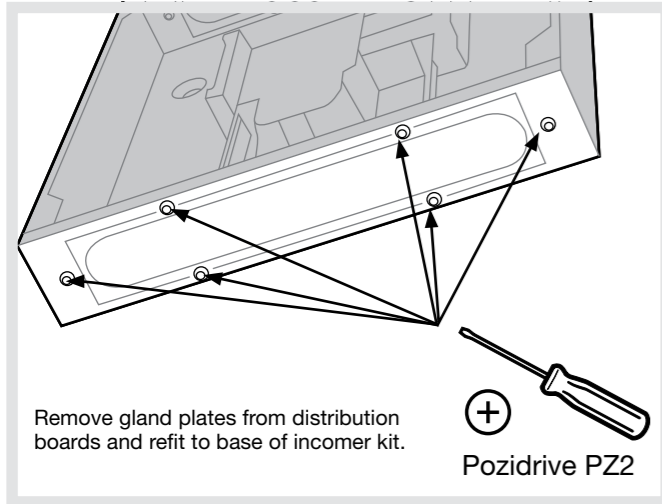
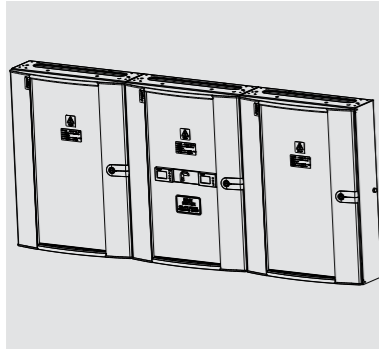


Dimensions (mm)			
	Height	Width	Depth
<b>JKD125MID</b>	450	1395	132.5

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



**Interface Characteristics**

**Rated & operational voltage ( $U_n / U_e$ )**  
415V a.c. 50Hz

**Rated insulation voltage ( $U_i$ )**  
690V a.c. 50Hz

**Rated impulse withstand voltage ( $U_{imp}$ )**  
4kV

**Rated current of the Assembly ( $I_{nA}$ )**  
250A  
RHS Pan Assembly (In) 200A  
LHS Pan Assembly (In) 200A  
Middle Pan Assembly (In) 200A

**Rated conditional short-circuit current of the ASSEMBLY ( $I_{cc}$ )**  
10kA' 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**  
2

**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

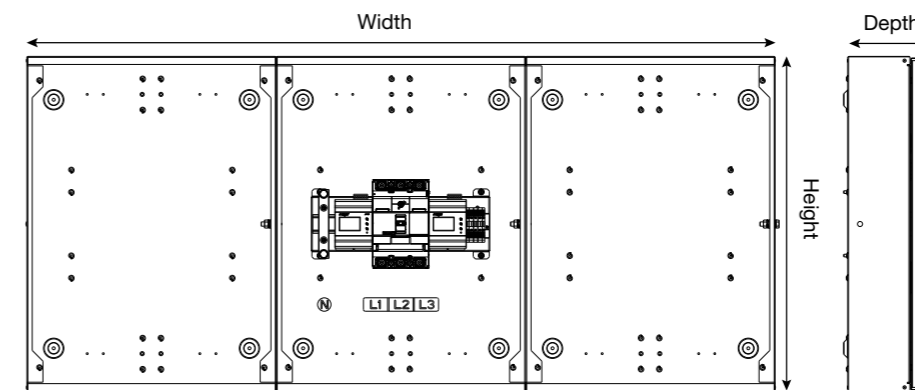
**External design**  
Wall-mounted, surface type, enclosed assembly.

**Mechanical impact protection**  
IK05

**The type of construction**  
Fixed parts

**Meter Characteristics**

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



**Dimensions (mm)**

	Height	Width	Depth
<b>JKD250MID</b>	625	1395	165.5

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