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| --- | --- | --- | --- | --- | --- | --- | --- |
| Worksheet Revision : | |  | | | Serial No.: | | |
| Customer: |  | | | Completed by/Date: | |  |
| Project: |  | | | Reviewed by/Date: | |  |
| SOR No.: |  | Quote No. |  | System Item No.: | |  |

**Mains Power :**  85 to 264V AC (47 to 440Hz) <and> 110 to 264V DC  *Optional Low Voltage DC (18 to 36V )*

**Head Pairs and Mounting Hardware (** *all sizes in mm* **)**

**N1 N2** **N3 N4**

                    **Nominal Head Pair Sizes:** *should be 50mm larger than bus bar to accommodate mounting hardware*

                    Mounting Channels: *2 pieces provided with each head pair ( standard : N# mm + 165mm )*

                    Head Clamp Threaded Rods: *4 pieces provided with each system ( standard : 105mm )*

                    Bus Clamp Threaded Rods: *2 pieces provided with each head pair ( standard : N# mm + 70mm )*

 |---0.25%----| |---0.75%---|

|---------0.50%--------| 🡨 Head Pair Combination

|--- 0.50% --| measurement accuracies

**Cable Lengths Standard Custom**

Head Pair Cable Stubs  2m       m

ITC Cable  5m       m

Instrument Output Cable  2.5m       m

Process Output Cable  10m       m

Mains Power Cable  10m       m

LVDC Mains Power Adapter  2m       m

**Carry / Transport Cases**     Hard Side ( <3 head pairs & Meter Unit)     Soft Side (ITC, output & mains cables)

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| **Main / Std. Outputs** | | | | |  | | | |  | | | 0% F.S. | Cal.Pt.     kA  *Std. Cal. Pt. is + 100% of F.S.* |
| **Main Measuring Range**→ | | | | **- 100% F.S. -    kA** | | | 0kA | **+ 100% F.S. +    kA** |
| **Output Type**  Choose One | Current 1 | |  | | “0 to 20 mA” | | | | -20mA | | | 0mA | +20mA |
| Current 2 | |  | | “4 to 20 mA” | | | | -12mA | | | +4mA | +20mA |
| Current 3 | |  | | “4 to 20 mA” | | | | +4mA | | | +12mA | +20mA |
| Voltage 1 | |  | | “0 to 1 Volt” | | | | -1 Volt | | | 0 Volts | +1 Volt |
| Voltage 2 | |  | | “0 to 10 Volts” | | | | -10 Volts | | | 0 Volts | +10 Volts |
| **Trip Setpoint 1:** | | kA | | | | Forward | Reverse | | | Not Used | | *trip must be within +/-5% to +/-100% of Main F.S..* | | |
| **Optional“PE”Outputs**  ( Protection Extension )  None | | | | |  | | | | | | (“-“ not used for Sigma) | 0% F.S. | Cal.Pt.      kA  *Std. Cal. Pt. is + 100% of F.S.* |
| **PE Measuring Range**→ | | | | | | **-100% F.S. -     kA** | 0kA | **+100% F.S. +     kA** |
| **Output Type**  Choose One | Current 1 | | |  | “0 to 20 mA” | | | | | | -20mA | 0mA | +20mA |
| Current 2 | | |  | “4 to 20 mA” | | | | | | -12mA | +4mA | +20mA |
| Current 3 | | |  | “4 to 20 mA” | | | | | | +4mA | +12mA | +20mA |
| Voltage 1 | | |  | “0 to 1 Volt” | | | | | | -1 Volt | 0 Volts | +1 Volt |
| Voltage 2 | | |  | “0 to 10 Volts” | | | | | | -10 Volts | 0 Volts | +10 Volts |
| **Trip Setpoint 2:** | | kA | | | | Forward | | Reverse | | | Not Used | *trip must be within +/-5% to +/-100% of PE F.S.*  *trip must be within +/-5% to +/-100% of PE F.S.* | | |
| **Trip Setpoint 3:** | | kA | | | | Forward | | Reverse | | | Not Used |
| **Optional Display :**  None | | | | | | DC (DC Applications) | | | | | True RMS (AC or Pulse Applications) | | | |

**Special Instructions on 2nd page**

***ALL COMMENTS, CORRECTIONS AND/OR CHANGES MUST BE INITIALED AND DATED***

Serial No.:

**Special Instructions :**

***NOTE : All Comments, Corrections and/or Changes Must be Initialed and Dated***

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