

### Product Configuration Options

|                                                |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   |                   |    |
|------------------------------------------------|-----------------------------------------------------|---|----------------------------------------------------|---|---|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|-------------------|----|
| <b>OrderCode:</b>                              | IED-EP+/DGYD/E33-CBBP_F/D3301311000-B22000000200-D1 |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   |                   |    |
| <b>Platform:</b> IED-EP+<br>EuroProt+ platform |                                                     |   | <b>Type:</b> DGYD<br>Centralized busbar protection |   |   |   |   | <b>Configuration:</b> E33-CBBP_F<br>Centralized three-phase busbar protection for 3 bays in 84HP rack size.<br>(Numbers of binary I/O in the standard configuration: 8BOut, 24Bin.) |   |   |   |                   |    |
| <b>Platform specific options</b>               | Position                                            | 0 | 1                                                  | 2 | 3 | 4 | 5 | 6                                                                                                                                                                                   | 7 | 8 | 9 | 10                |    |
|                                                | Value                                               | D | 3                                                  | 3 | 0 | 1 | 3 | 1                                                                                                                                                                                   | 1 | 0 | 0 | 0                 |    |
| <b>Config specific options</b>                 | Position                                            | 0 | 1                                                  | 2 | 3 | 4 | 5 | 6                                                                                                                                                                                   | 7 | 8 | 9 | 10                | 11 |
|                                                | Value                                               | D | 2                                                  | 2 | 0 | 0 | 0 | 0                                                                                                                                                                                   | 0 | 0 | 2 | 0                 | 0  |
| <b>Checksum</b>                                | D1                                                  |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   |                   |    |
| <b>Detailed platform specific options</b>      |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   |                   |    |
| <b>Platform version</b>                        |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | <b>Position 0</b> |    |
| Current version                                |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | D                 |    |
| <b>Power Supply</b>                            |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | <b>Position 1</b> |    |
| 24V                                            |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 0                 |    |
| 48V                                            |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 1                 |    |
| 60V                                            |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 2                 |    |
| 110V                                           |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 3                 |    |
| 220/230V                                       |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 4                 |    |
| <b>I/O modules</b>                             |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | <b>Position 2</b> |    |
| 24V                                            |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 0                 |    |
| 48V                                            |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 1                 |    |
| 60V                                            |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 2                 |    |
| 110V (125V)                                    |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 3                 |    |
| 220V                                           |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 4                 |    |
| 110VAC                                         |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 5                 |    |
| 230VAC                                         |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 6                 |    |
| <b>Mounting methods</b>                        |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | <b>Position 3</b> |    |
| Rack                                           |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 0                 |    |
| Flush mounting                                 |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 1                 |    |
| Wall mounting                                  |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 2                 |    |
| Semi-flush                                     |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 3                 |    |
| IP54 rated mounting                            |                                                     |   |                                                    |   |   |   |   |                                                                                                                                                                                     |   |   |   | 4                 |    |

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Wall mounting with terminals                     | 5                  |
| No mounting                                      | 6                  |
| Fold-down mounting                               | 7                  |
| Fold-down mounting with terminals                | 8                  |
| <b>CPU first communication port</b>              | <b>Position 4</b>  |
| N/A                                              | 0                  |
| Fiber optical Ethernet MM/ST                     | 1                  |
| Fiber optical Ethernet SM/FC                     | 2                  |
| PRP/HSR MM/LC                                    | 3                  |
| Fiber optical Ethernet MM/LC                     | 4                  |
| RJ-45                                            | 5                  |
| <b>CPU secondary communication port</b>          | <b>Position 5</b>  |
| N/A                                              | 0                  |
| Fiber optical Ethernet MM/ST                     | 1                  |
| Fiber optical Ethernet SM/FC                     | 2                  |
| RJ-45 Ethernet                                   | 3                  |
| Serial POF                                       | 4                  |
| Serial Double ring POF                           | 5                  |
| Serial glass fiber                               | 6                  |
| RS-485/422                                       | 7                  |
| Fiber optical Ethernet MM/LC                     | 8                  |
| <b>Front panel communication port</b>            | <b>Position 6</b>  |
| RJ-45                                            | 1                  |
| <b>LCD size</b>                                  | <b>Position 7</b>  |
| N/A                                              | 0                  |
| 3.5                                              | 1                  |
| 5.7                                              | 2                  |
| <b>IEC61850 protocol (additional charge)</b>     | <b>Position 8</b>  |
| No                                               | 0                  |
| Yes                                              | 1                  |
| <b>Customization service (additional charge)</b> | <b>Position 9</b>  |
| No                                               | 0                  |
| Yes                                              | 1                  |
| <b>Secondary language</b>                        | <b>Position 10</b> |
| None                                             | 0                  |

|                                         |                   |
|-----------------------------------------|-------------------|
| HUN                                     | 1                 |
| GER                                     | 2                 |
| RUS                                     | 3                 |
| ITA(N/A)                                | 4                 |
| FRA                                     | 5                 |
| ROU                                     | 6                 |
| ESP                                     | 7                 |
| <b>Detailed config specific options</b> |                   |
| <b>Configuration version</b>            | <b>Position 0</b> |
| Current version                         | B                 |
| <b>Default binary input module</b>      | <b>Position 1</b> |
| N/A                                     | 0                 |
| O8                                      | 1                 |
| O12                                     | 2                 |
| O16                                     | 3                 |
| O6R5                                    | 4                 |
| <b>Default binary output module</b>     | <b>Position 2</b> |
| N/A                                     | 0                 |
| R4                                      | 1                 |
| R8                                      | 2                 |
| R12                                     | 3                 |
| R16                                     | 4                 |
| <b>Input module in position E</b>       | <b>Position 3</b> |
| N/A                                     | 0                 |
| O8                                      | 1                 |
| O12                                     | 2                 |
| O16                                     | 3                 |
| O9S+BNC                                 | 4                 |
| O9S+MM/ST                               | 5                 |
| <b>Input module in position D</b>       | <b>Position 4</b> |
| N/A                                     | 0                 |
| O8                                      | 1                 |
| O12                                     | 2                 |
| O16                                     | 3                 |
| RTD                                     | 4                 |

| Input module in position C         | Position 5 |
|------------------------------------|------------|
| N/A                                | 0          |
| O8                                 | 1          |
| O12                                | 2          |
| O16                                | 3          |
| RTD                                | 4          |
| AIC                                | 5          |
| I/O module in position G           | Position 6 |
| N/A                                | 0          |
| O8                                 | 1          |
| O12                                | 2          |
| O16                                | 3          |
| R4                                 | 4          |
| R8                                 | 5          |
| R12                                | 6          |
| R16                                | 7          |
| I/O module in position H           | Position 7 |
| N/A                                | 0          |
| O8                                 | 1          |
| O12                                | 2          |
| O16                                | 3          |
| R4                                 | 4          |
| R8                                 | 5          |
| R12                                | 6          |
| R16                                | 7          |
| RTD                                | 8          |
| AIC                                | 9          |
| O6R5                               | 10         |
| Number of NC contacts (R8,R12,R16) | Position 8 |
| 0                                  | 0          |
| 1                                  | 1          |
| 2                                  | 2          |
| 4                                  | 3          |
| 8                                  | 4          |
| Trip contacts                      | Position 9 |

|                                    |                    |
|------------------------------------|--------------------|
| 0                                  | 0                  |
| 4                                  | 1                  |
| 8                                  | 2                  |
| 12                                 | 3                  |
| 16                                 | 4                  |
| 20                                 | 5                  |
| 24                                 | 6                  |
| <b>Number of bus sections</b>      | <b>Position 10</b> |
| 1                                  | 0                  |
| 2                                  | 1                  |
| 3                                  | 2                  |
| 4                                  | 3                  |
| <b>Voltage breakdown condition</b> | <b>Position 11</b> |
| N/A                                | 0                  |
| Yes                                | 1                  |