

### Product Configuration Options

|  |  |   |   |   |   |   |  |   |   |   |   |                   |    |
|--|--|---|---|---|---|---|--|---|---|---|---|-------------------|----|
| <b>OrderCode:</b>                              | IED-EP+/OGYD/E4-DBBP/E33014110010-B10270000-31       |   |   |   |   |   |  |   |   |   |   |                   |    |
| <b>Platform:</b> IED-EP+<br>EuroProt+ platform | <b>Type:</b> OGYD<br>Decentralized busbar protection |   |   |   |   |   | <b>Configuration:</b> E4-DBBP<br>Distributed busbar protection for 12 sub-units in 84HP rack size.<br>(Numbers of binary I/O in the standard configuration: 8BOut, 12BIn.) |   |   |   |   |                   |    |
| <b>Platform specific options</b>               | Position   | 0 | 1 | 2 | 3 | 4 | 5  | 6 | 7 | 8 | 9 | 10                | 11 |
|  | Value  | E | 3 | 3 | 0 | 1 | 4  | 1 | 1 | 0 | 0 | 1                 | 0  |
| <b>Config specific options</b>                 | Position   | 0 | 1 | 2 | 3 | 4 | 5  | 6 | 7 | 8 |   |                   |    |
|  | Value  | E | 1 | 0 | 2 | 7 | 0  | 0 | 0 | 0 |   |                   |    |
| <b>Checksum</b>                                | 31   |   |   |   |   |   |  |   |   |   |   |                   |    |
| <b>Detailed platform specific options</b>      |  |   |   |   |   |   |  |   |   |   |   |                   |    |
| <b>Platform version</b>                        |  |   |   |   |   |   |  |   |   |   |   | <b>Position 0</b> |    |
| Current version                                |  |   |   |   |   |   |  |   |   |   |   | E                 |    |
| <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                 |    |

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| 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 MM/LC                     | 2                  |
| Fiber optical Ethernet SM/FC                     | 3                  |
| RJ-45 Ethernet                                   | 4                  |
| 2xMM/LC with PRP/HSR                             | 5                  |
| 2xSFP with PRP/HSR                               | 6                  |
| <b>CPU secondary communication port</b>          | <b>Position 5</b>  |
| N/A  | 0                  |
| Fiber optical Ethernet MM/ST                     | 1                  |
| Fiber optical Ethernet MM/LC                     | 2                  |
| Fiber optical Ethernet SM/FC                     | 3                  |
| RJ-45 Ethernet                                   | 4                  |
| Serial POE                                       | 5                  |
| Serial glass fiber                               | 7                  |
| RS-485/422                                       | 8                  |
| <b>Front panel communication port</b>            | <b>Position 6</b>  |
| RJ-45  | 1                  |
| RJ-45 remote HMI with 3m cabel                   | 2                  |
| <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>CyberProtect functionality</b>                | <b>Position 10</b> |

|  |                    |
|--|--------------------|
| No   | 1                  |
| Yes  | 2                  |
| <b>Secondary language</b>                    | <b>Position 11</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>Type of Power Supply module (no PSTP)</b> | <b>Position 1</b>  |
| PS   | 1                  |
| <b>I/O module in position C (84HP)</b>       | <b>Position 2</b>  |
| N/A  | 0                  |
| O8   | 1                  |
| O12  | 2                  |
| O15  | 4                  |
| O6R5   | 5                  |
| R4   | 6                  |
| R8+00  | 7                  |
| R8+80  | 8                  |
| R8+C0  | 9                  |
| R12+0000                                     | 10                 |
| R12+4000                                     | 11                 |
| R12+4400                                     | 12                 |
| RTD  | 13                 |
| AIC  | 14                 |
| ATO  | 15                 |
| 4xTRIP                                       | 17                 |
| O9S+BNC                                      | 19                 |
| O9S+MM/ST                                    | 20                 |

| <b>I/O module in position D (84HP)</b> | <b>Position 3</b> |
|--|-------------------|
| N/A                                    | 0                 |
| O8                                     | 1                 |
| O12                                    | 2                 |
| O15                                    | 4                 |
| O6R5                                   | 5                 |
| R4                                     | 6                 |
| R8+00                                  | 7                 |
| R8+80                                  | 8                 |
| R8+C0                                  | 9                 |
| R12+0000                               | 10                |
| R12+4000                               | 11                |
| R12+4400                               | 12                |
| RTD                                    | 13                |
| AIC                                    | 14                |
| ATO                                    | 15                |
| 4xTRIP                                 | 17                |
| O9S+BNC                                | 19                |
| O9S+MM/ST                              | 20                |
| <b>I/O module in position E (84HP)</b> | <b>Position 4</b> |
| N/A                                    | 0                 |
| O8                                     | 1                 |
| O12                                    | 2                 |
| O15                                    | 4                 |
| O6R5                                   | 5                 |
| R4                                     | 6                 |
| R8+00                                  | 7                 |
| R8+80                                  | 8                 |
| R8+C0                                  | 9                 |
| R12+0000                               | 10                |
| R12+4000                               | 11                |
| R12+4400                               | 12                |
| RTD                                    | 13                |
| AIC                                    | 14                |
| ATO                                    | 15                |

|  |                   |
|--|-------------------|
| 4xTRIP                                       | 17                |
| O9S+BNC                                      | 19                |
| O9S+MM/ST                                    | 20                |
| <b>I/O module in position F (84HP)</b>       | <b>Position 5</b> |
| N/A  | 0                 |
| <b>I/O module in position G (84HP - O12)</b> | <b>Position 6</b> |
| N/A  | 0                 |
| O8   | 1                 |
| O12  | 2                 |
| O15  | 4                 |
| O6R5   | 5                 |
| R4   | 6                 |
| R8+00  | 7                 |
| R8+80  | 8                 |
| R8+C0  | 9                 |
| R12+0000                                     | 10                |
| R12+4000                                     | 11                |
| R12+4400                                     | 12                |
| RTD  | 13                |
| AIC  | 14                |
| ATO  | 15                |
| 4xTRIP                                       | 17                |
| O9S+BNC                                      | 19                |
| O9S+MM/ST                                    | 20                |
| <b>I/O module in position H (84HP)</b>       | <b>Position 7</b> |
| N/A  | 0                 |
| O8   | 1                 |
| O12  | 2                 |
| O15  | 4                 |
| O6R5   | 5                 |
| R4   | 6                 |
| R8+00  | 7                 |
| R8+80  | 8                 |
| R8+C0  | 9                 |
| R12+0000                                     | 10                |

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|                  |                   |
|------------------|-------------------|
| R12+4000         | 11                |
| R12+4400         | 12                |
| RTD              | 13                |
| AIC              | 14                |
| ATO              | 15                |
| 4xTRIP           | 17                |
| O9S+BNC          | 19                |
| O9S+MM/ST        | 20                |
| <b>SW option</b> | <b>Position 8</b> |
| N/A              | 0                 |