

### Product Configuration Options

<b>OrderCode:</b>	IED-EP+/DTVA/E1-Line_F/D3301311000-D220000000000200000-DD																			
<b>Platform:</b> IED-EP+ EuroProt+ platform	<b>Type:</b> DTVA Transmission line protections									<b>Configuration:</b> E1-Line_F HV distance protection in 84HP rack size. (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								
	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	12	13	14	15	16	17	18
	Value	D	2	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
<b>Checksum</b>	DD																			

<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	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
<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>
Ethernet Over Board - EOB	0
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
<b>Detailed config specific options</b>	
<b>Configuration version</b>	<b>Position 0</b>
Current version	D
<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>Binary input module in position F</b>	<b>Position 3</b>
N/A	0
O8	1
O12	2
O16	3
<b>Input module in position E</b>	<b>Position 4</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 5</b>
N/A	0

O8	1
O12	2
O16	3
RTD	4
<b>Input module in position C</b>	<b>Position 6</b>
N/A	0
O8	1
O12	2
O16	3
RTD	4
AIC	5
<b>Binary output module in position K</b>	<b>Position 7</b>
N/A	0
R4	1
R8	2
R12	3
R16	4
<b>Binary output module in position J</b>	<b>Position 8</b>
N/A	0
R4	1
R8	2
R12	3
R16	4
<b>I/O module in position I</b>	<b>Position 9</b>
N/A	0
O8	1
O12	2
O16	3
R4	4
R8	5
R12	6
R16	7
<b>I/O module in position H</b>	<b>Position 10</b>
N/A	0
O8	1

O12	2
O16	3
R4	4
R8	5
R12	6
R16	7
RTD	8
AIC	9
O6R5	10
<b>I/O module in position M</b>	<b>Position 11</b>
N/A	0
O8	1
O12	2
O16	3
R4	4
R8	5
R12	6
R16	7
<b>Number of NC contacts (R8,R12,R16)</b>	<b>Position 12</b>
0	0
1	1
2	2
4	3
8	4
<b>Trip contacts</b>	<b>Position 13</b>
0	0
2	1
4	2
6	3
8	4
12	5
<b>CT module</b>	<b>Position 14</b>
CT+5151	0
CT+5153	3
<b>2nd CT module</b>	<b>Position 15</b>

N/A	0
Measurement	1
Protection	2
Protection (sensitive E.F.)	3
<b>Busbar protection sub-unit</b>	<b>Position 16</b>
No	0
Yes	2
<b>Type of characteristic</b>	<b>Position 17</b>
Polygon	0
MHO	1
Polygon Ph-Ph, MHO Ph-N	2
MHO Ph-Ph, Polygon Ph-N	3
Polygon and MHO	4
<b>Binary signal transmission</b>	<b>Position 18</b>
N/A	0
CPU PB - SM/FC (0-50km)	1
CPU PB - MM/ST (0-2km)	2
3xDir COM - SM/FC (0-50km)	3
3xDir COM - MM/ST (0-2km)	4
G.703	5
CPU PB - SM/FC (10-120km)	6
3xDir COM - SM/FC (10-120km)	7
2xDir COM - SM/FC (0-50km)	8