

### Product Configuration Options

<b>OrderCode:</b>	IED-EP+/DTRV/E1-TR_F/E33014110010-C10000207001711100-93																		
<b>Platform:</b> IED-EP+ EuroProt+ platform	<b>Type:</b> DTRV Transformer & (generator) protection							<b>Configuration:</b> E1-TR_F Basic 2 winding transformer differential 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	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	9	10	11	12	13	14	15	16	17
	Value	E	1	0	0	0	0	2	0	7	0	0	1	7	1	1	1	0	0
<b>Checksum</b>	93																		
<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	

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	C
<b>Type of Power Supply module</b>	<b>Position 1</b>
PS	1
PSTP (inc.2xTRIP)	2
<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
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 I (84HP - R8)</b>	<b>Position 8</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 J (84HP)</b>	<b>Position 9</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 K (84HP)</b>	<b>Position 10</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 L (84HP - TRIP)</b>	<b>Position 11</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>CT module primary</b>	<b>Position 12</b>
CT+5151	1
CT+5153	2
CT+5115	3
<b>CT module secondary</b>	<b>Position 13</b>
CT+5151	1
CT+5153	2
CT+5115	3
<b>No. of transformer branches</b>	<b>Position 14</b>
2	1
3	2
4	3
<b>CT terminal type</b>	<b>Position 15</b>
Conventional	0
Ring-lug	1
<b>SW option</b>	<b>Position 16</b>
N/A	0