

### Product Configuration Options

<b>OrderCode:</b>	IED-EP+/DTRV/E7-TR_F/E33014110010-C10000207000000000-E8																		
<b>Platform:</b> IED-EP+ EuroProt+ platform	<b>Type:</b> DTRV Transformer & (generator) protection						<b>Configuration:</b> E7-TR_F Automatic voltage regulator 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	0	0	0	0	0	0	0
<b>Checksum</b>	E8																		

<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
2xRJ-45 with PRP/HSR	7
2xSFP without PRP/HSR	8
<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
<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 (no PSTP)</b>	<b>Position 1</b>
PS	1
PS+/2161	5
<b>I/O module in position C (84HP)</b>	<b>Position 2</b>
N/A	0
O8	1
O12	2
O12+2101	3
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
O12+2101	3
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
O12+2101	3
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
O12+2101	3
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</b>	<b>Position 7</b>
N/A	0
O8	1
O12	2
O12+2101	3

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
4xTRIP (no TCS)	18
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
O12+2101	3
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
4xTRIP (no TCS)	18

O9S+BNC	19
O9S+MM/ST	20
R8+FF	22
<b>I/O module in position J (84HP)</b>	<b>Position 9</b>
N/A	0
O8	1
O12	2
O12+2101	3
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
4xTRIP (no TCS)	18
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
O12+2101	3
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
4xTRIP (no TCS)	18
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
O12+2101	3
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
4xTRIP (no TCS)	18
O9S+BNC	19
O9S+MM/ST	20
<b>I/O module in position M (84HP)</b>	<b>Position 12</b>
N/A	0
O8	1
O12	2

O12+2101	3
O15	4
O6R5	5
R4	6
R8+00	7
R8+80	8
R8+CO	9
R12+0000	10
R12+4000	11
R12+4400	12
RTD	13
AIC	14
ATO	15
4xTRIP	17
4xTRIp (no TCS)	18
O9S+BNC	19
O9S+MM/ST	20
<b>I/O module in position N (84HP)</b>	<b>Position 13</b>
N/A	0
O8	1
O12	2
O12+2101	3
O15	4
O6R5	5
R4	6
R8+00	7
R8+80	8
R8+CO	9
R12+0000	10
R12+4000	11
R12+4400	12
RTD	13
AIC	14
ATO	15
4xTRIP	17

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O9S+BNC	19
O9S+MM/ST	20
<b>CT terminal type</b>	<b>Position 14</b>
Conventional	0
Ring-lug	1
<b>VT terminal type</b>	<b>Position 15</b>
Conventional	0
<b>Voltage limitation functions on primary side</b>	<b>Position 16</b>
No	0
Yes	1
<b>SW option</b>	<b>Position 17</b>
N/A	0