H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

Product Configuration Options

OrderCode:	IED-EP+/DTRV/E5-TR_F/E33014110010-C1000020700171112000-DF

Platform: IED-EP+ EuroProt+ platform	**Type:** DTRV Transformer & (generator) protection	**Configuration:** E5-TR_F 3 winding transformer differential protection in 84HP rack size. (Numbers of binary I/O in the standard configuration: 8BOut, 12BIn.)

Platform specific options

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

Config specific options

Position	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Value	E	1	0	0	0	0	2	0	7	0	0	1	7	1	1	1	2	0	0	0

Checksum	DF

Detailed platform specific options

Platform version	**Position 0**
Current version	E
Power Supply	**Position 1**
24V	0
48V	1
60V	2
110V	3
220/230V	4
I/O modules	**Position 2**
24V	0
48V	1
60V	2
110V (125V)	3
220V	4
110VAC	5
230VAC	6
Mounting methods	**Position 3**
Rack	0
Flush mounting	1
Wall mounting	2
Semi-flush	3
IP54 rated mounting	4

H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

Wall mounting with terminals	5
No mounting	6
Fold-down mounting	7
Fold-down mounting with terminals	8
CPU first communication port	**Position 4**
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
2xMM/LC without PRP/HSR	9
CPU secondary communication port	**Position 5**
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 POF	5
Serial glass fiber	7
RS-485/422	8
Front panel communication port	**Position 6**
RJ-45	1
LCD size	**Position 7**
N/A	0
3.5	1
5.7	2
IEC61850 protocol (additional charge)	**Position 8**
No	0
Yes	1
Customization service (additional charge)	**Position 9**
No	0

H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

Yes	1
CyberProtect functionality	**Position 10**
No	1
Yes	2
Secondary language	**Position 11**
None	0
HUN	1
GER	2
RUS	3
ITA(N/A)	4
FRA	5
ROU	6
ESP	7
Detailed config specific options	
Configuration version	**Position 0**
Current version	C
Type of Power Supply module	**Position 1**
PS	1
PSTP (inc.2xTRIP)	2
PS+1030 / PS+1060	3
PSTP (2xTRIP, no TCS)	4
PS+/2161	5
PS+/2164	6
PS+/2130	7
I/O module in position C (84HP)	**Position 2**
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

H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

R12+0000	10
R12+4000	11
R12+4400	12
RTD	13
AIC	14
ATO	15
4xTRIP	17
O9S+BNC	19
O9S+MM/ST	20
I/O module in position D (84HP)	**Position 3**
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
I/O module in position E (84HP)	**Position 4**
N/A	0
O8	1
O12	2
O12+2101	3
O15	4

H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

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
I/O module in position F (84HP)	**Position 5**
N/A	0
I/O module in position G (84HP - O12)	**Position 6**
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

H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

O9S+MM/ST	20
I/O module in position H	**Position 7**
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
I/O module in position I (84HP - R8)	**Position 8**
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

H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

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
I/O module in position J (84HP)	**Position 9**
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
I/O module in position K (84HP)	**Position 10**
N/A	0
O8	1
O12	2
O12+2101	3

H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

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
I/O module in position L (84HP - TRIP)	**Position 11**
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

H-1158 Budapest, Késmárk str. 7/A
Phone: +36 1 415-3800
Fax: +36 1 414-0140
E-mail: protecta@protecta.hu

O9S+BNC	19
O9S+MM/ST	20
CT module primary	**Position 12**
CT+5151P	4
CT+5153P	5
CT+5115P	6
CT module secondary	**Position 13**
CT+5151P	4
CT+5153P	5
CT+5115P	6
CT module tertiary	**Position 14**
CT+5151P	4
CT+5153P	5
CT+5115P	6
No. of transformer branches	**Position 15**
3	2
4	3
5	4
6	5
CT terminal type	**Position 16**
Conventional	0
Ring-lug	1
VT terminal type	**Position 17**
Conventional	0
SW option	**Position 18**
N/A	0