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Product Configuration Options

OrderCode:	IED-EP+/DTVA/E1-Line_DH/E33014110010-A10000207001710001000000-70

Platform: IED-EP+ EuroProt+ platform	**Type:** DTVA Transmission line protections	**Configuration:** E1-Line_DH HV distance protection in Double 42HP 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	20	21	22	23
Value	E	1	0	0	0	0	2	0	7	0	0	1	7	1	0	0	0	1	0	0	0	0	0	0

Checksum 70

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
Wall mounting with terminals	5
No mounting	6

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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
Yes	1
CyberProtect functionality	**Position 10**
No	1
Yes	2
Secondary language	**Position 11**

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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	A
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
R12+0000	10
R12+4000	11
R12+4400	12
RTD	13
AIC	14
ATO	15
4xTRIP	17
O9S+BNC	19

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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
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

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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
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

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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
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

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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
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

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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 M (84HP)	**Position 12**
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

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I/O module in position N (84HP)	Position 13
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 O (84HP)	**Position 14**
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

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O9S+BNC	19
O9S+MM/ST	20
I/O module in position P (84HP)	**Position 15**
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
CT module	**Position 16**
CT+5151P	4
CT+5153P	5
CT+5115P	6
2nd CT module	**Position 17**
N/A	0
protection	1
measurement	2
CT terminal type	**Position 18**
Conventional	0
Ring-lug	1
VT terminal type	**Position 19**
Conventional	0
Binary signal transmission (84HP)	**Position 20**
N/A	0
CPU PB - MM/ST (0-2km)	1

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CPU PB - SM/FC (0-50km)	2
CPU PB - SM/FC (10-120km)	3
2xDir COM - SM/FC (0-50km)	4
2xDir COM - SM/FC (10-120km)	9
3xDir COM - MM/ST (0-2km)	5
3xDir COM - MM/ST (0-2km)	6
3xDir COM - SM/FC (10-120km)	7
G.703	8
Busbar protection sub-unit	**Position 21**
No	0
Yes	1
SW option	**Position 22**
N/A	0