

Product Configuration Options

OrderCode:	IED-EP+/DTVA/E1-Line_F/E33014110010-E10000207001700001000000-65																									
Platform: IED-EP+ EuroProt+ platform					Type: DTVA Transmission line protections										Configuration: E1-Line_F HV distance 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	20	21	22	23	
	Value	E	1	0	0	0	0	2	0	7	0	0	1	7	0	0	0	0	1	0	0	0	0	0	0	
Checksum	65																									
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		
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
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
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	E
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
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
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
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 (84HP)	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
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 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
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
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+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 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
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+5151	1
CT+5153	2
CT+5115	3
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
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