

## RESIDENTIAL AND COMMERCIAL INSTALLATIONS

ETI provides high-quality and integral solutions for protection of electrical installations in buildings. We supply all kinds of type D, D0 and C fuse-links, as well as MCB's and various types of residual current protection switches from ASTI group. In our sales program you will also find various types of switches and supervision & control devices of EVE group. Very important is also overvoltage protection ETITEC. All together shall be built, of course, into a distribution cabinet DIDO of your choice. The products are internationally certified and carry several quality marks.



**Section rails 10 mm<sup>2</sup> 63A**

Type	Additional description	Code No.	Cross section [mm <sup>2</sup> ]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZ10/1F/54*	10mm <sup>2</sup> , 1-phase, 54 mod.	002921142	10	1,00	260	40	ETIMAT6, ETIMAT P10, ETITEC, SV, VLD01
IZ10/3F/12	10mm <sup>2</sup> , 3-phase, 12 mod.	002921140	10	0,21	115	20/240	
IZ10/3F/54*	10mm <sup>2</sup> , 3-phase, 54 mod.	002921141	10	1,00	560	20	
IZ10/1F/12	10mm <sup>2</sup> , 1-phase, 12 mod.	002921143	10	0,21	50	40/240	
IZ10/L1N L2NL3N/12	10mm <sup>2</sup> , 4-pole, 12 mod.	002921268	10	0,21	228	10	ETIMAT6 1P+N, ETIMAT P10 1P+N
IZ10/ L1NL2NL3N/12	10mm <sup>2</sup> , 4-pole, 12 mod.	002921268	10	0,21	228	10	ETIMAT6 1P+N, ETIMAT P10 1P+N
IZ10/L1L2L3N- L1NL2NL3N	10mm <sup>2</sup> , 4-pole, 12 mod.	002921275	10	0,21	131	10	EF14 + ETIMAT 6 1P+N, ETIMAT P10 1P+N
IZ10/L1L2L3NL/ NL2/NL3/N	10mm <sup>2</sup> , 4-pole, 12 mod.	002921276	10	0,21	255	50	EF14+ETIMAT1N, KZS1M
IZ10/L1L2L3_ L1L2L3	10mm <sup>2</sup> , 3-pole, 12 mod.	002921277	10	0,21	120	10	EF14 + ETIMAT 6, ETIMAT P10

\*Not for ETIMAT P10 MULTIPOLE(2P, 3P, 1P+N, 3P+N) with length more than 12 modules.


**Section rails 12 mm<sup>2</sup> 80A**

Type	Additional description	Code No.	Cross section [mm <sup>2</sup> ]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZ12/1F/12	12mm <sup>2</sup> , 1-phase, 12 modul	002921018	12	0,21	57	40/480	ETIMAT6, ETIMAT P10, ETITEC, SV, VLD01
IZ12/1F/54*	12mm <sup>2</sup> , 1-phase, 54 mod.	002921026	12	1,00	260	40	
IZ12/3F/9	12mm <sup>2</sup> , 3-phase, 9 mod.	002921017	12	0,16	81	20/240	
IZ12/3F/12	12mm <sup>2</sup> , 3-phase, 12 mod.	002921020	12	0,21	115	20/240	
IZ12/3F/18*	12mm <sup>2</sup> , 3-phase, 18 mod.	002921022	12	0,32	180	20/120	
IZ12/3F/54*	12mm <sup>2</sup> , 3-phase, 54 mod.	002921024	12	1,00	560	20	

\*Not for ETIMAT P10 MULTIPOLE(2P, 3P, 1P+N, 3P+N) with length more than 12 modules.


**Section rails 16 mm<sup>2</sup> (normal) 100A**

Type	Additional description	Code No.	Cross section [mm <sup>2</sup> ]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZ16/1F/12P	16mm <sup>2</sup> , 1-phase, 12 modul	002921091	16	0,21	70	40/360	ETIMAT6, ETIMAT P10, ETITEC, SV, VLD01
IZ16/1F/54P*	16mm <sup>2</sup> , 1-phase, 54 mod.	002921092	16	1,00	320	40	
IZ16/3F/12	16mm <sup>2</sup> , 3-phase, 12 mod.	002921061	16	0,21	155	20/180	
IZ16/3F/54*	16mm <sup>2</sup> , 3-phase, 54 mod.	002921063	16	1,00	700	20	

\*Not for ETIMAT P10 MULTIPOLE(2P, 3P, 1P+N, 3P+N) with length more than 12 modules.


**Section rails 16mm<sup>2</sup> (2 pole and 4 pole) 100A**

Type	Additional description	Code no.	Cross section (mm <sup>2</sup> )	Length (m)	Weight (g)	Packaging (pcs)	For use with
IZ16/2F/12	16mm <sup>2</sup> , 2-pole, 12 mod.	002921066	16	0,21	120	10/120	EF1-2, EF1-4, KZS-2M, KZS-4M
IZ16/2F/54*	16mm <sup>2</sup> , 2-pole, 54 mod.	002921067	16	1	550	10	
IZ16/4F/12	16mm <sup>2</sup> , 4-pole, 12 mod.	002921068	16	0,21	230	10/80	
IZ16/4F/56*	16mm <sup>2</sup> , 4-pole, 56 mod.	002921070	16	1	1020	10	ETIMAT6, P10, SV, ETITEC, VLD01

\*Not for ETIMAT P10 MULTIPOLE(2P, 3P, 1P+N, 3P+N) with length more than 12 modules.

**Section rails 16 mm<sup>2</sup> ( L shape ) 100A**

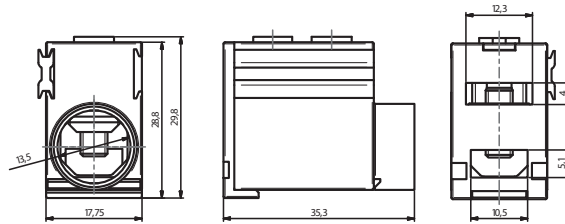
Type	Additional description	Code No.	Cross section [mm <sup>2</sup> ]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZ16/1F/2/L	16mm <sup>2</sup> , 1-phase, 2 modul	002921081	16	0,03	11	50/600	ETIMAT6, ETIMAT P10, ETITEC, SV, VLD01
IZ16/1F/3/L	16mm <sup>2</sup> , 1-phase, 3 mod.	002921082	16	0,05	16	50/600	
IZ16/1F/4/L	16mm <sup>2</sup> , 1-phase, 4 mod.	002921083	16	0,07	21	50/600	
IZ16/1F/12/L	16mm <sup>2</sup> , 1-phase, 12 mod.	002921060	16	0,21	65	40/360	
IZ16/1F/54/L*	16mm <sup>2</sup> , 1-phase, 54 mod.	002921062	16	1,00	290	40	

\*Not for ETIMAT P10 MULTIPOLE(2P, 3P, 1P+N, 3P+N) with length more than 12 modules.



Accessories

Terminal for protective conductors			
type	length [m]	supply [mm <sup>2</sup> ]	outlet [mm <sup>2</sup> ]
2/6	0,056	2 x 22	6 x 14
2/8	0,086	2 x 22	8 x 14
2/12	0,092	2 x 22	12 x 14
2/18	0,128	2 x 22	18 x 14



Technical data - Section rails for ETIMAT P10			
Cross section	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>
Feeding at beginning/ending			
Max. current I <sub>s</sub> /Phase	63	80	100
Cross section of connection, mm <sup>2</sup>	10	16	25
Feeding in the middle			
Max. current I <sub>e</sub> /Phase	100	130	170
Cross section of connection, mm <sup>2</sup>	25	35	2x25
Heat deflection temperature PVC	80°C flame resistant		
Comparative tracking index PVC	300V		
Standards	EN 60947-1:2007/ IEC 60947-1:2007		
Climate stability	DIN EN 60068		
Insulation coordination	Degree of pollution 2		
Electrical data			
Impulse voltage strength	≥4,5 kV		
Min. air distance	> 5,5 mm		
Min. creeping distance	> 5 mm		
Max. operating voltage	690 V AC/DC		
Protection class	IP20		
Short circuit rating	ICC 15kA NH 250A gL 500V		
Dielectric strenght	≥ 32 kV/mm		
Material			
	Material	Surface	
Busbar	Copper	plain	
Insulation	PVC lead-free	grey RAL 7035	
Endcover	moulded		

Ampacity at 35 °C ambient temperature depending of feeding point

