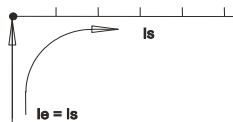


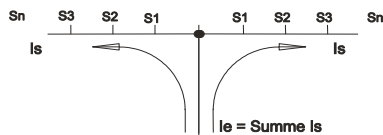
Section rails



EFB50



Feeding at beginning / ending



Feeding in the middle

In case of center-feeding, please note that the sum of junction currents $S1...S_n$ per rail branch may not be bigger than the above named max. currents I_s /Phase.

Terminal for protective conductor

Type	Code No.	Dimensions [mm]	Weight [g]	Packaging [pcs]
2/6	002911101	6x9x56	23,3	100
2/8	002911102	6x9x86	28,5	100
2/12	002911103	6x9x92	39,3	100
2/18	002911104	6x9x128	53,8	100
EFB50*	002921278	50	29	10

*To connect cable up to 50mm² on Cu busbar(section rails) fork or pin type

Fork type

Section rails 16mm² 80A(side connection)/130A (middle connection), fork type

Type	Additional description	Code No.	Length [mm]	Weight [g]	Packaging [pcs]	For use with
IZ16/2F/56 18mm	2 pole terminal, 56 module width	002921230	1012	525	10	ETIMAT P10 1P+N, 2P
IZ16/3F/57 18mm	3 pole terminal, 57 module width	002921231	1027	840	10	ETIMAT P10 3P
IZ16/4F/56 18mm	4 pole terminal, 56 module width	002921232	1010	1205	10	ETIMAT P10 3P+N

Section rails 16mm² 80A(side connection)/130A (middle connection),fork type

Type	Additional description	Code No.	Length [mm]	Weight [g]	Packaging [pcs]	For use with
IZ16/2F/44 18+9mm	2 pole terminal with extra space	002921233	990	525	10	ETIMAT 2P, DC + aux. contact

End covers

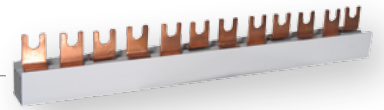
Type	Code No.	Weight [g]	Packaging [pcs]	For use with
Z-16/2F/3F 18mm	002921240	3	50	IZ16/2F & 3F
Z-16/4F 18mm	002921241	2	50	IZ16/4F

Accessories

Section rails 10 mm² 63A

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
I210/1F/54*	10mm ² , 1-phase, 54 mod.	002921142	10	1,00	260	40	ETIMAT6, ETIMAT P10, ETITEC, SV, VLD01
I210/3F/12	10mm ² , 3-phase, 12 mod.	002921140	10	0,21	115	20/240	
I210/3F/54*	10mm ² , 3-phase, 54 mod.	002921141	10	1,00	560	20	
I210/1F/12	10mm ² , 1-phase, 12 mod.	002921143	10	0,21	50	40/240	
I210/L1N L2NL3N/12	10mm ² , 4-pole, 12 mod.	002921268	10	0,21	228	10	ETIMAT6 1P+N, ETIMAT P10 1P+N
I210/ L1NL2NL3N/12	10mm ² , 4-pole, 12 mod.	002921268	10	0,21	228	10	ETIMAT6 1P+N, ETIMAT P10 1P+N
I210/L1L2L3N- L1NL2NL3N	10mm ² , 4-pole, 12 mod.	002921275	10	0,21	131	10	EFI4 + ETIMAT 6 1P+N, ETIMAT P10 1P+N
I210/L1L2L3NL1/ NL2/NL3/N	10mm ² , 4-pole, 12 mod.	002921276	10	0,21	255	50	EFI4+ETIMAT1N, KZS1M
I210/L1L2L3_ L1L2L3	10mm ² , 3-pole, 12 mod.	002921277	10	0,21	120	10	EFI4 + ETIMAT 6, ETIMAT P10

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



Section rails 12 mm² 80A

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
I212/1F/12	12mm ² , 1-phase, 12 modul	002921018	12	0,21	57	40/480	ETIMAT6, ETIMAT P10, ETITEC, SV, VLD01
I212/1F/54*	12mm ² , 1-phase, 54 mod.	002921026	12	1,00	260	40	
I212/3F/9	12mm ² , 3-phase, 9 mod.	002921017	12	0,16	81	20/240	
I212/3F/12	12mm ² , 3-phase, 12 mod.	002921020	12	0,21	115	20/240	
I212/3F/18*	12mm ² , 3-phase, 18 mod.	002921022	12	0,32	180	20/120	
I212/3F/54*	12mm ² , 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 mm² (normal) 100A

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
I216/1F/12P	16mm ² , 1-phase, 12 modul	002921091	16	0,21	70	40/360	ETIMAT6, ETIMAT P10, ETITEC, SV, VLD01
I216/1F/54P*	16mm ² , 1-phase, 54 mod.	002921092	16	1,00	320	40	
I216/3F/12	16mm ² , 3-phase, 12 mod.	002921061	16	0,21	155	20/180	
I216/3F/54*	16mm ² , 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 16mm² (2 pole and 4 pole) 100A

Type	Additional description	Code no.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
I216/2F/12	16mm ² , 2-pole, 12 mod.	002921066	16	0,21	120	10/120	EFI-2, EFI-4, KZS-2M, KZS-4M
I216/2F/54*	16mm ² , 2-pole, 54 mod.	002921067	16	1	550	10	
I216/4F/12	16mm ² , 4-pole, 12 mod.	002921068	16	0,21	230	10/80	
I216/4F/56*	16mm ² , 4-pole, 56 mod.	002921070	16	1	1020	10	ETIMAT6, P10, SV, ETITEC, VLD01

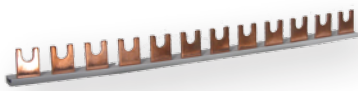
*Not for ETIMAT P10 MULTIPOLE(2P, 3P, 1P+N, 3P+N) with length more than 12 modules.

Section rails 16 mm² (L shape) 100A

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
I216/1F/2/L	16mm ² , 1-phase, 2 modul	002921081	16	0,03	11	50/600	ETIMAT6, ETIMAT P10, ETITEC, SV, VLD01
I216/1F/3/L	16mm ² , 1-phase, 3 mod.	002921082	16	0,05	16	50/600	
I216/1F/4/L	16mm ² , 1-phase, 4 mod.	002921083	16	0,07	21	50/600	
I216/1F/12/L	16mm ² , 1-phase, 12 mod.	002921060	16	0,21	65	40/360	
I216/1F/54/L*	16mm ² , 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.





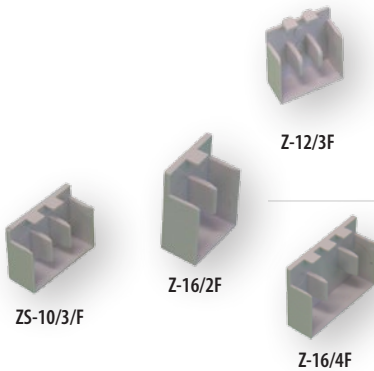
Section rails 16 mm² (STV) 100A

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZ16/1F/12/STV	16mm ² , 1-phase, 12 mod.	002921071	16	0,32	95	40/240	STVD02
IZ16/1F/36/STV	16mm ² , 1-phase, 36 mod.	002921073	16	1,00	280	40	
IZ16/3F/12/STV	16mm ² , 3-phase, 12 mod.	002921072	16	0,32	230	20/120	
IZ16/3F/36/STV	16mm ² , 3-phase, 36 mod.	002921074	16	1,00	700	20	



Section rails for Motor switches - IZM (16 mm²) 100A

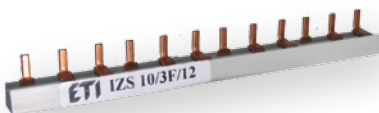
Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZM16/3F/4	16mm ² , 3-phase, 12 mod.	002921132	10	0,20	155	20	MPE 25 (no side accessories)
IZM16/3F/20	16mm ² , 3-phase, 54 mod.	002921133	10	1,00	700	20	



End cover cap

Type	Code No.	Weight [g]	Packaging [pcs]	For use with
Z-10/3F	002921227	0,8	25/250	IZ10/3F (002921140,002921141), IZM10/3F(002921130,002921131)
Z-16/3F	002921228	0,8	25/250	IZ16/3F (002921061,002921063), IZM16/3F (002921132,002921133), IZ16/3F/STV(002921072,002921074)
Z-12/3F	002921019	0,7	25/250	IZ12/3F(002921017, 002921020, 002921022, 002921024)
Z-10/1F	002921220	0,15	25/250	IZ10/1F(002921143,002921142), IZ10/3F/D(002921160,002921161), IZM10/3F/D(002921190,002921191)
Z-12/1F	002921221	0,15	25/250	IZ12/1F(002921018,002921026), IZ12/3F/D(002921162,002921163,002921164)
Z-16/1F	002921222	0,15	25/250	IZ16/1F(002921091,002921092), IZ16/3F/D(002921064,002921065), IZ16/2F/D(002921200,002921201), IZ16/4F/D(002921210,002921211), IZM16/3F/D(002921192,002921193), IZ16/1F/STV(002921071,002921073)
Z-16/2F	002921224	0,4	25/250	IZ16/2F
Z-16/4F	002921225	1	25/250	IZ16/4F(002921066,002921067)
ZS-16/4F	002921229	1	25/250	IZS16/4F(002921177,002921178)
ZS-10/3F	002921226	0,8	25/250	IZS10/3F(002921102,002921103)

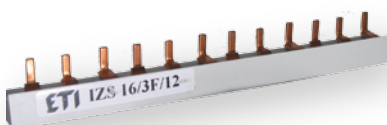
Pin type



Section rails 10 mm² (normal) 63A

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZS10/1F/12	10mm ² , 1-phase, 12 mod.	002921100	10	0,21	40	40/480	ETIMAT6, ETIMAT P10, ETITEC,SV,VLD01, PCF8, PCF10, EFD8, EFD10
IZS10/1F/54*	10mm ² , 1-phase, 54 mod.	002921101	10	1,00	150	40	
IZS10/3F/12	10mm ² , 3-phase, 12 mod.	002921102	10	0,21	100	20/240	
IZS10/3F/54*	10mm ² , 3-phase, 54 mod.	002921103	10	1,00	450	20	

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



Section rails 16 mm² (normal) 100A

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZS16/1F/12	16mm ² , 1-phase, 12 mod.	002921110	16	0,21	50	40/480	ETIMAT6, ETIMAT P10, ETITEC,SV,VLD01, PCF8, PCF10, EFD8, EFD10
IZS16/1F/54*	16mm ² , 1-phase, 54 mod.	002921111	16	1,00	220	40	
IZS16/3F/12	16mm ² , 3-phase, 12 mod.	002921112	16	0,21	130	20/180	
IZS16/3F/18*	16mm ² , 3-phase, 18 mod.	002921113	16	0,32	230	20/120	
IZS16/3F/54*	16mm ² , 3-phase, 54 mod.	002921114	16	1,00	700	20	

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

Accessories

Section rails 16mm² 80A(side connection)/130A (middle connection)

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZ16/1F/37	1 p, 37 mod.	002921250	16	0,981	320	10	EFD14, EFH14, PFB D02/D01
IZ16/3F/39	3 p, 39 mod.	002921254	16	1,045	760	10	
IZ16/1F/28	1 p, 28 mod.	002921260	16	0,976	320	10	EFD22
IZ16/3F/30	3 p, 30 mod.	002921264	16	1,05	1050	10	

Section rails 50mm² 160A(side connection)/250A (middle connection)

Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with
IZ50/1F/37	1 p, 37 mod.	002921251	50	0,981	750	10	EFD14, EFH14, PFB D02/D01
IZ50/3F/39	3 p, 39 mod.	002921255	50	1,045	2190	10	
IZ50/1F/28	1 p, 28 mod.	002921261	50	0,976	770	10	EFD22
IZ50/3F/30	3 p, 30 mod.	002921265	50	1,05	2320	10	

End cover cap

Type	Code No.	Weight [g]	Packaging [pcs]	For use with
Z-16/1F	002921252	1,6	50	IZ16/1F/37, IZ16/1F/28
Z-50/1F	002921253	3,2	50	IZ50/1F/37
Z-16/2F/3F	002921240	3	50	IZ16/3F/39, IZ16/3F/30
*Z-50/1F/28	002921263	5,6	25	IZ50/1F/28
Z-50/3F	002921267	4,4	50	IZ50/3F/30 & IZ50/3F/39

*Under 1 reference code, 1 pair is included (left and right side cover)

DIN rails

Type	Code No.	Length [m]	Weight [g]	Packaging [pcs]	For use with
TH35/L - 1m	002911022	1,00	312	10/50	All modular products
TH35/L - 2m	002911023	2,00	624	10/30	
TH35/A - 1m	002911024	1,00	312	10/50	
TH35/A - 2m	002911025	2,00	624	10/30	

L - Normal quality of galvanic cover – mat

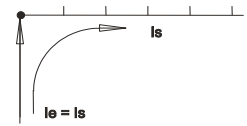
A - Better quality of galvanic cover – shining

Marking lath

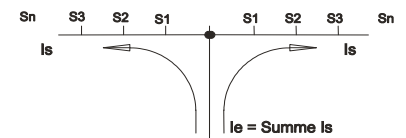
Code No.	Length [m]	width [mm]	Weight [g]	Packaging [pcs]
002911007	1	12	40,7	50

Cover lath

Code No.	Length [m]	opening [mm]	Weight [g]	Packaging [pcs]
002911003	0,217	46 ^{+0,5}	24,4	500

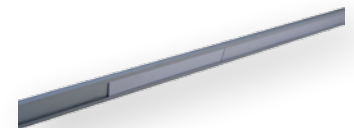
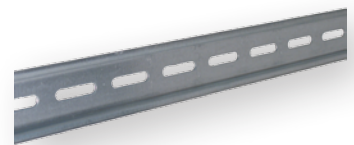


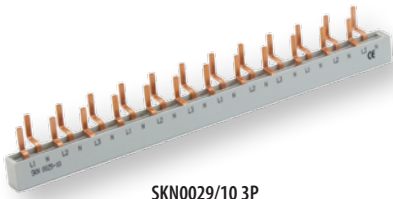
Feeding at beginning / ending



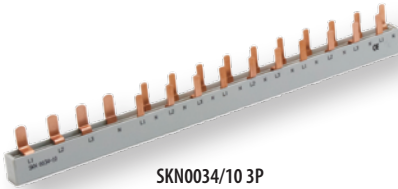
Feeding in the middle

In case of center-feeding, please note that the sum of junction currents S1...Sn per rail branch may not be bigger than the above named max. currents Is/Phase.





SKN0029/10 3P



SKN0034/10 3P

SKN type

Section rails 10 mm ² (normal) 63A								
Type	Additional description	Code No.	Cross section [mm ²]	Length [m]	Weight [g]	Packaging [pcs]	For use with	
SKN0021/10	10mm ² , 1p+N, 12 mod.	002921150	10	0,216	203	10	ETIMAT1N, KZS1M	
SKN0029/10 3P	10mm ² , 3p+N, 12 mod.	002921154	10	0,216	292	10		
SKN0032/10	10mm ² , 1p+N, 12 mod.	002921155	10	0,21	160	10	EF12+10xETIMAT1N	
SKN0034/10 3P	10mm ² , 3p+N, 14 mod.	002921156	10	0,252	378	10	EF14+10xETIMAT1N	

Din rail distribution blocks EDB



EDB-407

Construction

- Brass screw terminal blocks double-deck
- Housing made of self extinguishing material
- Cover and separating made of polycarbonate

Application

Proper and transparent connecting cables in low voltage distribution boards

Advantages

- TH35 din rail mounted or on a flat surface
- Safe and easy installation
- Transparent cover
- 2 or 4 pole model
- Self extinguishing material
- Possibility of connecting wires with ferrules or without



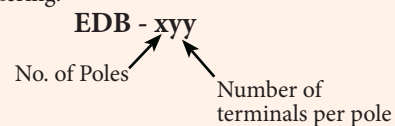
EDB-411

Distribution blocks EDB							
Type	Code No.	Number of terminals	I _n [A]	Dimensions L x W x H [mm]	Weight [kg]	Packaging	
2 - poles							
EDB-207	001102300	2 x (5 x Ø 5,3 + 2 x Ø 7,5)	125A	65 x 42 x 50	0,14	1/100	
EDB-211	001102301	2 x (7 x Ø 5,3 + 2 x Ø 7,5 + 2 x Ø 9)	125A	100 x 42 x 50	0,18	1/100	
EDB-215	001102302	2 x (11 x Ø 5,3 + 2 x Ø 7,5 + 2 x Ø 9)	125A	133 x 42 x 50	0,22	1/50	
4 - poles							
EDB-407	001102303	4 x (5 x Ø 5,3 + 2 x Ø 7,5)	125A	65 x 88 x 50	0,24	1/100	
EDB-411	001102304	4 x (7 x Ø 5,3 + 2 x Ø 7,5 + 2 x Ø 9)	125A	100 x 88 x 50	0,34	1/50	
EDB-415	001102305	4 x (11 x Ø 5,3 + 2 x Ø 7,5 + 2 x Ø 9)	125A	133 x 88 x 50	0,46	1/50	



EDB-215

Ordering:



Meter board

Instructions for mounting a meter board

- Fasten the frame of the meter board using four screws and plastic wall inserts. While drilling holes, take care not to damage electrical wires.
- When the board is fixed, attach a meter using bolts with sliding nuts.
- Fasten the wires in the terminals and position the protective cover.

Meter board

Type	Code No.	Weight [g]	Packaging [pcs]
MPO	001117001	508	1/25
VPO	001117002	690	1/16
MP	001117004	276	1/25
VP	001117005	453	1/16

MPO - small meter board

VPO - large meter board

MP - small meter board without frame

VP - large meter board without frame



VPO



VP

Universal board covering UPO

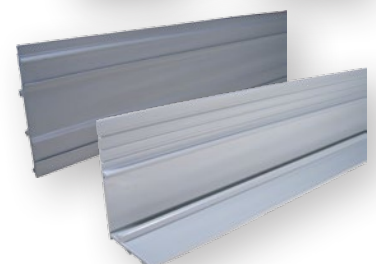
Standard length of profile
1 m

The covering UPO is the improved form for covering the space between rows of built-in elements in distribution boards. The built-in elements are installed on the mounting rails with width of 35 mm which shall be mounted in the distance of 125 mm.

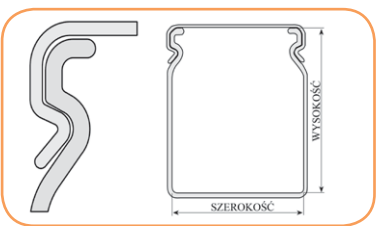
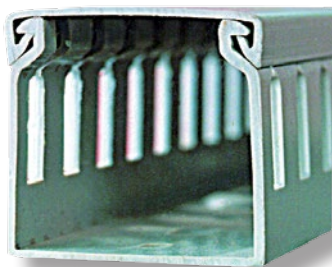
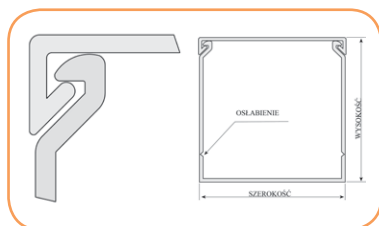
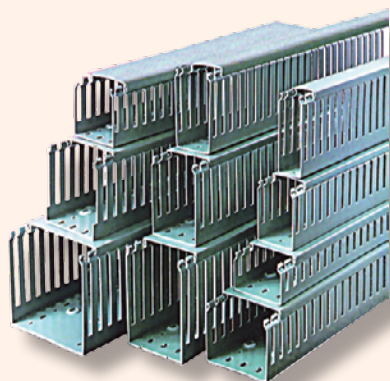
Description - UPO covering consists of terminal plates that should be fixed on mounting rails, and flat and corner profiles, which are click-on mounted on the terminal plates. The space between rows of apparatuses is covered by a flat profile. Upper and lower rows of devices should be covered by corner profile.

Universal board covering UPO

Type	Code No.	Weight [g]	Packaging [pcs]
Terminal plate	001214011	50	18
Flat profile	001214012	15	322
Corner profile	001214013	10	306



Installation channels



Type B			
Type	Code No.	Weight [g]	Packaging [pcs]
B 25x40 T	003911034	520	36
B 25x60 T	003911035	620	18
B 25x80 T	003911036	980	18
B 40x40 T	003911037	700	18
B 40x60 T	003911038	840	18
B 40x80 T	003911039	980	18
B 40x100 T	003911040	1225	12
B 48x100 T	003911041	6030	4
B 55x100 T	003911042	3020	4
B 60x40 T	003911043	613	18
B 60x60 T	003911044	1040	12
B 60x80 T	003911045	1480	12
B 60x100 T	003911046	1720	8
B 75x100 T	003911047	1706	8
B 80x40 T	003911048	1160	12
B 80x60 T	003911049	1420	12
B 80x80 T	003911050	1720	12
B 80x100 T	003911051	1790	8
B 100x60 T	003911052	1760	8
B 100x80 T	003911053	1860	8
B 100x100 T	003911054	2120	8
B 150x100 T	003911055	3200	4

Type A			
Type	Code No.	Weight [g]	Packaging [pcs]
A 25x25 T	003911003	540	48
A 25x30 T	003911004	600	48

Metric cable glands IP67



M-12G M-16G M-20G M-25G M-32G
M-40G M-50G M-63G

Metric cable glands				
Type	Description	Code No.	Weight [g]	Packaging [pcs]
M-12G	Metric cable gland M12	004482200	3	50
M-16G	Metric cable gland M16	004482201	5,6	50
M-20G	Metric cable gland M20	004482202	9,4	250
M-25G	Metric cable gland M25	004482203	19	150
M-32G	Metric cable gland M32	004482204	32	100
M-40G	Metric cable gland M40	004482205	58	50
M-50G	Metric cable gland M50	004482206	84	30
M-63G	Metric cable gland M63	004482207	147	16
M-12N	Metric lock nut M12	004482208	1	200
M-16N	Metric lock nut M16	004482209	1	200
M-20N	Metric lock nut M20	004482210	2	250
M-25N	Metric lock nut M25	004482211	3	800
M-32N	Metric lock nut M32	004482212	5	80
M-40N	Metric lock nut M40	004482213	6	50
M-50N	Metric lock nut M50	004482214	9	30
M-63N	Metric lock nut M63	004482215	15	10
M-12S	TP-M12 Metric sealing rubber washer M12	004482216	1,2	500
M-16S	TP-M16 Metric sealing rubber washer M16	004482217	1,5	500
M-20S	TP-M20 Metric sealing rubber washer M20	004482218	1,8	500
M-25S	TP-M25 Metric sealing rubber washer M25	004482219	2,1	300
M-32S	TP-M32 Metric sealing rubber washer M32	004482220	2,3	250
M-40S	TP-M40 Metric sealing rubber washer M40	004482221	2,6	150
M-50S	TP-M50 Metric sealing rubber washer M50	004482222	2,9	60
M-63S	TP-M63 Metric sealing rubber washer M63	004482223	4,1	50



