



**THE BEST OBSTACLE
AGAINST FIRE...**



FLAMEPROOF SWITCHBOARD CABINETS

Catalogue valid from 1 January 2022

KM FIRE

We are a Czech manufacturer of flameproof switchboard cabinets. We manufacture free-standing, surface mounted and recessed cabinets with the following fire resistance classification: EI 30 DP1-S, EI 45 DP1-S, EI 60 DP1-S and EI 90 DP1-S. Our products meet all requirements on construction and technical equipment and the fire safety of buildings. The role of the flameproof switchboard cabinets is to prevent the spreading of fire from the inside of the switchboard cabinet to a protected escape route.



Technical parameters of our cabinets

- Fire resistance EI 30, EI 45, EI 60 and EI 90
- Design DP1-S
- According to ČSN 73 0810, ČSN 73 0848, ČSN EN 1634-1 standards
- Tested and certified by the PAVUS, a.s. testing centre in Prague according to Government Regulation No. 163/2002 Coll., as amended, product group 10.14.
- IP 54 protection
- Door hinge on the right, optionally on the left (upon request)
- Smoke-tight treatment
- The entire inner space of the cabinet is lined with a flameproof plate of flame resistance Class A1
- The surface is treated with RAL 7035, light grey powder technology; other treatment can be provided upon agreement
- Optional installation of a ventilation system
- Each cabinet box is provided with a Declaration of Conformity and Assembly Instructions
- Inlets and outlets are placed at the top or at the bottom, alternatively at the back of the cabinet
- Possible installation of an instrument grate, an electricity meter case or an assembly plate

References

- České Budějovice Hospital
- Cheb Hospital
- Dukovany Nuclear Power Plant
- Škoda Auto Mladá Boleslav
- ČSSZ Data Centre
- O2 Arena in Prague
- TPCA Kolín
- Pilsen University Hospital
- Motol University Hospital
- Ostrava Hospital
- Brno Airport
- BD Koivu Zličín stage 1 and 2
- BD Stromovka
- DGPack Prostějov
- CTPark Lipník nad Bečvou
- Argentinská hvězda
- Biocev Vestec
- XXX Lutz Brno
- Kaufland Pilsen
- Kaufland Hradec Králové

CHECK OUR WEB FOR FLAMEPROOF SWITCHBOARD CABINETS



www.kmfire.cz/en



PAVUS test centre

Our products meet all building engineering equipment and fire safety requirements in compliance with ČSN EN 73 0810, ČSN EN 73 0848, ČSN EN 1634-1 standards. The products are tested and certified by PAVUS, a.s. testing centre in Prague according to Government Regulation No. 163/2002 Coll., as amended, product group 10.14.

Legal standards and requirements:

ČSN 73 0810
ČSN 73 0848
ČSN EN 1634-1

Tested according to Government Regulation No. 163/2002 Coll., as amended, product group 10.14.



Ventilation system

- Fire ventilation grill with thermal closing system
- Certificate AO 216 PAVUS, a.s.
- Fan fitting optional

Cabinet sealing

- KM FIRE switchboards meet all conditions for certification of smoke-tight resistance S.
- Smoke-tight and fire-resistant sealing of the entire cabinet including door closing.

Cable outlets

- Going through cutout
- Going through intumescent block

Manufacture

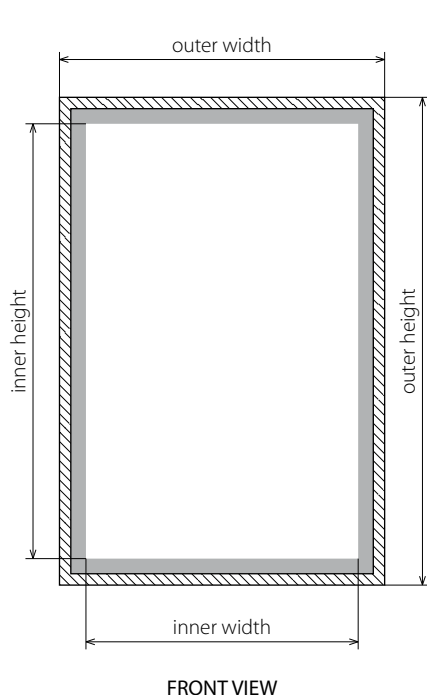
The production plant is located in Nový Bydžov, near the D11 exit between Hradec Králové and Prague.



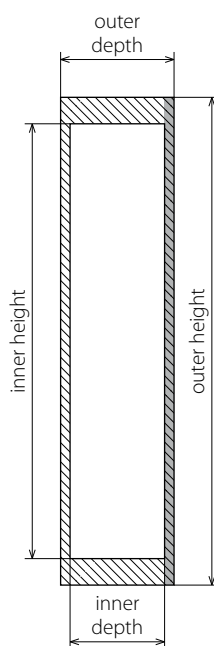
WALL-MOUNTED SWITCHBOARDS

FLAMEPROOF SWITCHBOARD CABINETS MOUNTED ON THE WALL

- Fire resistance EI 30, EI 45 and EI 60
- Design DP1-S
- According to ČSN 73 0810, ČSN 73 0848, ČSN EN 1634-1 standards
- Tested and certified by the PAVUS, a.s. testing centre in Prague according to Government Regulation No. 163/2002 Coll., as amended, product group 10.14.
- IP 54 protection
- Door hinge on the right, optionally on the left (upon request)
- Smoke-tight treatment
- The entire inner space of the cabinet is lined with a fireproof plate with Class A1 flame resistance
- The surface is treated with RAL 7035, light grey powder technology; other treatment can be provided upon agreement
- Optional installation of a ventilation system
- Each cabinet box is provided with a Declaration of Conformity and Assembly Instructions
- Inlets and outlets are placed at the top or at the bottom, alternatively at the back of the cabinet.
- Possible installation of an instrument grate, an electricity meter case or an assembly plate



FRONT VIEW



LEFT SIDE



Electricity meter case



Mounting plate



Electricity meter board



Cover plate with cut-out/ without cut-out

ACCESSORIES

You can choose the following accessories for the wall-mounted cabinets:

- Instrument grate + cover plates with cut-out, without cut-out
- Mounting plate
- Electricity meter preparation (electricity meter case, electricity meter plate, DIN rails with a covering plate with or without cut-out)
- Ventilation system



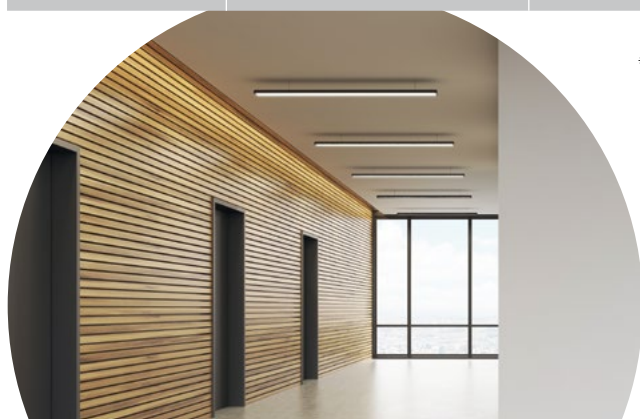
Instrument grate

SP - EI 30 DP1-S – wall-mounted cabinets IP 54

Model	Outer dimensions [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SP 20104-EI 30	2090 × 1060 × 400	1950 × 920 × 320	164	206	132101
SP 20103-EI 30	2090 × 1060 × 300	1950 × 920 × 220	145	182	132102
SP 2084-EI 30	2090 × 860 × 400	1950 × 720 × 320	143	167	132103
SP 2083-EI 30	2090 × 860 × 300	1950 × 720 × 220	131	158	132104
SP 2064-EI 30	2090 × 660 × 400	1950 × 520 × 320	125	124	132105
SP 2063-EI 30	2090 × 660 × 300	1950 × 520 × 220	117	110	132106
SP 17104-EI 30	1790 × 1060 × 400	1650 × 920 × 320	145	154	132107
SP 1784-EI 30	1790 × 860 × 400	1650 × 720 × 320	130	125	132108
SP 1783-EI 30	1790 × 860 × 300	1650 × 720 × 220	109	116	132109
SP 1763-EI 30	1790 × 660 × 300	1650 × 520 × 220	99	88	132110
SP 15104-EI30	1590 × 1060 × 400	1450 × 920 × 320	132	136	132111
SP 1584-EI 30	1590 × 860 × 400	1450 × 720 × 320	119	109	132112
SP 1583-EI 30	1590 × 860 × 300	1450 × 720 × 220	103	101	132113
SP 1563-EI 30	1590 × 660 × 300	1450 × 520 × 220	93	77	132114
SP 12104-EI 30	1290 × 1060 × 400	1150 × 920 × 320	113	112	132115
SP 1284-EI 30	1290 × 860 × 400	1150 × 720 × 320	103	98	132116
SP 1283-EI 30	1290 × 860 × 300	1150 × 720 × 220	89	91	132117
SP 1263-EI 30	1290 × 660 × 300	1150 × 520 × 220	83	68	132118
SP 10104-EI 30	1090 × 1060 × 400	950 × 920 × 320	98	94	132119
SP 1084-EI 30	1090 × 860 × 400	950 × 720 × 320	90	80	132120
SP 1083-EI 30	1090 × 860 × 300	950 × 720 × 220	78	72	132121
SP 1063-EI 30	1090 × 660 × 300	950 × 520 × 220	69	65	132122
SP 0784-EI 30	790 × 860 × 400	650 × 720 × 320	69	69	132123
SP 0763-EI 30	790 × 660 × 300	650 × 520 × 220	52	59	132124
SP 0743-EI 30	790 × 460 × 300	650 × 320 × 220	41	40	132125
SP 0443-EI 30	490 × 460 × 300	350 × 320 × 220	27	35	132126

* approximate values

** approximate values, considered free suspension on the wall, without ventilation

We also provide atypical dimensions upon request.

WALL-MOUNTED SWITCHBOARDS

SP - EI 45 DP1-S – wall-mounted cabinets IP 54

Model	Outer dimensions [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SP 20104-EI 45	2090 × 1060 × 400	1950 × 920 × 320	171	182	132201
SP 20103-EI 45	2090 × 1060 × 300	1950 × 920 × 220	151	161	132202
SP 2084-EI 45	2090 × 860 × 400	1950 × 720 × 320	149	148	132203
SP 2083-EI 45	2090 × 860 × 300	1950 × 720 × 220	137	140	132204
SP 2064-EI 45	2090 × 660 × 400	1950 × 520 × 320	132	110	132205
SP 2063-EI 45	2090 × 660 × 300	1950 × 520 × 220	123	98	132206
SP 17104-EI 45	1790 × 1060 × 400	1650 × 920 × 320	150	137	132207
SP 1784-EI 45	1790 × 860 × 400	1650 × 720 × 320	135	111	132208
SP 1783-EI 45	1790 × 860 × 300	1650 × 720 × 220	116	103	132209
SP 1763-EI 45	1790 × 660 × 300	1650 × 520 × 220	106	78	132210
SP 15104-EI 45	1590 × 1060 × 400	1450 × 920 × 320	137	120	132211
SP 1584-EI 45	1590 × 860 × 400	1450 × 720 × 320	124	97	132212
SP 1583-EI 45	1590 × 860 × 300	1450 × 720 × 220	109	90	132213
SP 1563-EI 45	1590 × 660 × 300	1450 × 520 × 220	99	69	132214
SP 12104-EI 45	1290 × 1060 × 400	1150 × 920 × 320	119	99	132215
SP 1284-EI 45	1290 × 860 × 400	1150 × 720 × 320	106	87	132216
SP 1283-EI 45	1290 × 860 × 300	1150 × 720 × 220	95	81	132217
SP 1263-EI 45	1290 × 660 × 300	1150 × 520 × 220	90	60	132218
SP 10104-EI 45	1090 × 1060 × 400	950 × 920 × 320	102	83	132219
SP 1084-EI 45	1090 × 860 × 400	950 × 720 × 320	93	71	132220
SP 1083-EI 45	1090 × 860 × 300	950 × 720 × 220	83	64	132221
SP 1063-EI 45	1090 × 660 × 300	950 × 520 × 220	75	57	132222
SP 0784-EI 45	790 × 860 × 400	650 × 720 × 320	72	61	132223
SP 0763-EI 45	790 × 660 × 300	650 × 520 × 220	57	53	132224
SP 0743-EI 45	790 × 460 × 300	650 × 320 × 220	46	35	132225
SP 0443-EI 45	490 × 460 × 300	350 × 320 × 220	32	31	132226

* approximate values

** approximate values, considered free suspension on the wall, without ventilation

We also provide atypical dimensions upon request.



SP - EI 60 DP1-S – wall-mounted cabinets IP 54

Model	Outer dimensions [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SP 20104-EI 60	2090 × 1060 × 400	1950 × 920 × 320	177	121	132301
SP 20103-EI 60	2090 × 1060 × 300	1950 × 920 × 220	158	106	132302
SP 2084-EI 60	2090 × 860 × 400	1950 × 720 × 320	156	98	132303
SP 2083-EI 60	2090 × 860 × 300	1950 × 720 × 220	144	92	132304
SP 2064-EI 60	2090 × 660 × 400	1950 × 520 × 320	138	73	132305
SP 2063-EI 60	2090 × 660 × 300	1950 × 520 × 220	130	64	132306
SP 17104-EI 60	1790 × 1060 × 400	1650 × 920 × 320	156	120	132307
SP 1784-EI 60	1790 × 860 × 400	1650 × 720 × 320	140	96	132308
SP 1783-EI 60	1790 × 860 × 300	1650 × 720 × 220	122	68	132309
SP 1763-EI 60	1790 × 660 × 300	1650 × 520 × 220	112	51	132310
SP 15104-EI 60	1590 × 1060 × 400	1450 × 920 × 320	143	105	132311
SP 1584-EI 60	1590 × 860 × 400	1450 × 720 × 320	130	83	132312
SP 1583-EI 60	1590 × 860 × 300	1450 × 720 × 220	116	59	132313
SP 1563-EI 60	1590 × 660 × 300	1450 × 520 × 220	106	45	132314
SP 12104-EI 60	1290 × 1060 × 400	1150 × 920 × 320	124	86	132315
SP 1284-EI 60	1290 × 860 × 400	1150 × 720 × 320	109	75	132316
SP 1283-EI 60	1290 × 860 × 300	1150 × 720 × 220	102	53	132317
SP 1263-EI 60	1290 × 660 × 300	1150 × 520 × 220	96	40	132318
SP 10104-EI 60	1090 × 1060 × 400	950 × 920 × 320	105	72	132319
SP 1084-EI 60	1090 × 860 × 400	950 × 720 × 320	96	60	132320
SP 1083-EI 60	1090 × 860 × 300	950 × 720 × 220	90	42	132321
SP 1063-EI 60	1090 × 660 × 300	950 × 520 × 220	81	38	132322
SP 0784-EI 60	790 × 860 × 400	650 × 720 × 320	76	51	132323
SP 0763-EI 60	790 × 660 × 300	650 × 520 × 220	64	35	132324
SP 0743-EI 60	790 × 460 × 300	650 × 320 × 220	53	23	132325
SP 0443-EI 60	490 × 460 × 300	350 × 320 × 220	39	20	132326

* approximate values

** approximate values, considered free suspension
on the wall, without ventilation

We also provide atypical dimensions upon request.



WALL-MOUNTED SWITCHBOARDS

Wall-mounted cabinet accessories – order numbers:

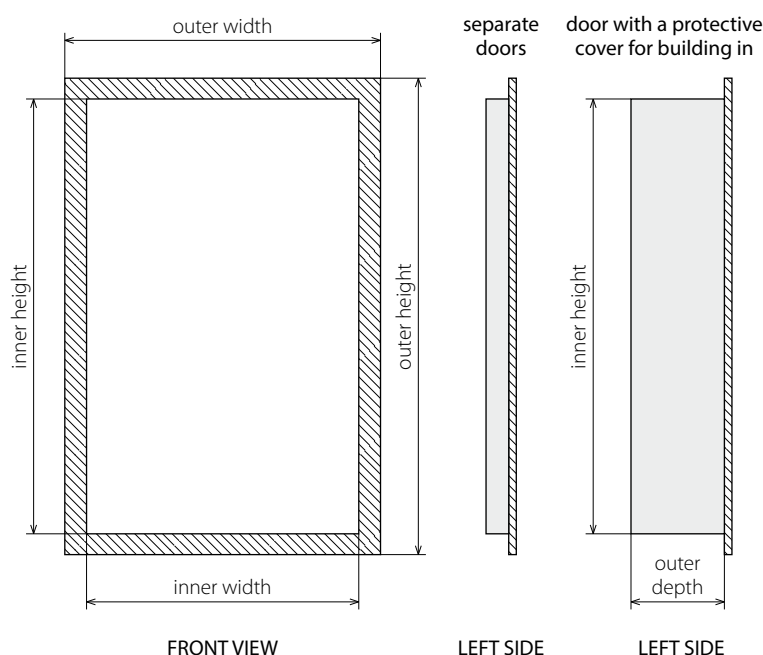
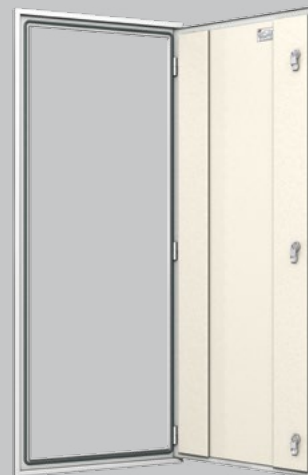
Model	Instrument grate	Cover plates	Electricity meter case	Mounting plate
SP 20104-EI (30/45/60)	141201	146201	142201	143201
SP 20103-EI (30/45/60)	141202	146202	142202	143202
SP 2084-EI (30/45/60)	141203	146203	142203	143203
SP 2083-EI (30/45/60)	141204	146204	142204	143204
SP 2064-EI (30/45/60)	141205	146205	142205	143205
SP 2063-EI (30/45/60)	141206	146206	142206	143206
SP 17104-EI (30/45/60)	141207	146207	142207	143207
SP 1784-EI (30/45/60)	141208	146208	142208	143208
SP 1783-EI (30/45/60)	141209	146209	142209	143209
SP 1763-EI (30/45/60)	141210	146210	142210	143210
SP 15104-EI (30/45/60)	141211	146211	142211	143211
SP 1584-EI (30/45/60)	141212	146212	142212	143212
SP 1583-EI (30/45/60)	141213	146213	142213	143213
SP 1563-EI (30/45/60)	141214	146214	142214	143214
SP 12104-EI (30/45/60)	141215	146215	142215	143215
SP 1284-EI (30/45/60)	141216	146216	142216	143216
SP 1283-EI (30/45/60)	141217	146217	142217	143217
SP 1263-EI (30/45/60)	141218	146218	142218	143218
SP 10104-EI (30/45/60)	141219	146219	142219	143219
SP 1084-EI (30/45/60)	141220	146220	142220	143220
SP 1083-EI (30/45/60)	141221	146221	142221	143221
SP 1063-EI (30/45/60)	141222	146222	142222	143222
SP 0784-EI (30/45/60)	141223	146223	142223	143223
SP 0763-EI (30/45/60)	141224	146224	142224	143224
SP 0743-EI (30/45/60)	141225	146225	142225	143225
SP 0443-EI (30/45/60)	141226	146226	142226	143226



RECESSED CABINETS

RECESSED FLAMEPROOF SWITCHBOARD CABINETS – A SEPARATE FRAME WITH DOORS FOR INSTALLATION OF THE BPZ-WB3S-XXXX PROTECTIVE COVER FOR BUILDING IN

- Fire resistance EI 30, EI 45 and EI 60
- Design DP1-S
- According to ČSN 73 0810, ČSN 73 0848, ČSN EN 1634-1 standards
- Tested and certified by the PAVUS, a.s. testing centre in Prague according to Government Regulation No. 163/2002 Coll., as amended, product group 10.14.
- IP 54 protection
- Optional installation of a ventilation system
- Door hinge on the right, optionally on the left (upon request)
- Smoke-tight treatment
- The entire inner space of the cabinet is lined with a fireproof plate with Class A1 flame resistance
- The surface is treated with RAL 7035, light grey powder technology; other treatment can be provided upon agreement
- Each cabinet box is provided with a Declaration of Conformity and Assembly Instructions
- Inlets and outlets are placed at the top or at the bottom, alternatively in the back of the box
- Possible installation of an instrument grate, an electricity meter case or an assembly plate
- Supply of non-standard dimensions after consultation



Electricity meter case



Mounting plate



Electricity meter board



Cover plate with cut-out/without cut-out

ACCESSORIES

You can choose the following accessories for recessed cabinets:

- Instrument grate + cover plates with cut-out, without cut-out
- Mounting plate
- Electricity meter preparation (electricity meter case, electricity meter plate, DIN rails with a covering plate with or without cut-out)
- Ventilation system
- Protection cover



BPZ-WB3S-XXXX protection cover for building in



Instrument grate

RECESSED CABINETS

SZ - EI 30 DP1-S – recessed switchboards (door with frame) IP 54

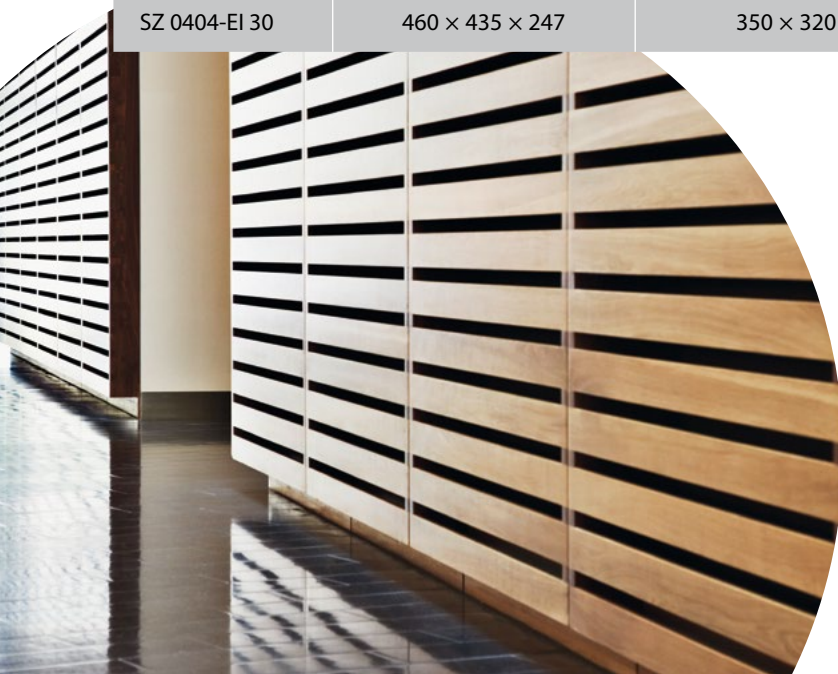
Model	Outer dimensions [mm] height × width × depth ***	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SZ 2012-EI 30	2060 × 1235 × 247	1950 × 1120	110	135	133101
SZ 2010-EI 30	2060 × 1035 × 247	1950 × 920	97	117	133102
SZ 2008-EI 30	2060 × 835 × 247	1950 × 720	84	82	133103
SZ 2006-EI 30	2060 × 635 × 247	1950 × 520	71	49	133104
SZ 1712-EI 30	1760 × 1235 × 247	1650 × 1120	94	129	133105
SZ 1710-EI 30	1760 × 1035 × 247	1650 × 920	83	100	133106
SZ 1708-EI 30	1760 × 835 × 247	1650 × 720	69	70	133107
SZ 1706-EI 30	1760 × 635 × 247	1650 × 520	57	46	133108
SZ 1512-EI 30	1560 × 1235 × 247	1450 × 1120	81	123	133109
SZ 1510-EI 30	1560 × 1035 × 247	1450 × 920	68	91	133110
SZ 1508-EI 30	1560 × 835 × 247	1450 × 720	58	68	133111
SZ 1506-EI 30	1560 × 635 × 247	1450 × 520	45	41	133112
SZ 1210-EI 30	1260 × 1035 × 247	1150 × 920	57	74	133113
SZ 1208-EI 30	1260 × 835 × 247	1150 × 720	45	51	133114
SZ 1206-EI 30	1260 × 635 × 247	1150 × 520	35	36	133115
SZ 1008-EI 30	1060 × 835 × 247	950 × 720	37	53	133116
SZ 1006-EI 30	1060 × 635 × 247	950 × 520	29	27	133117
SZ 0706-EI 30	760 × 635 × 247	650 × 520	23	21	133118
SZ 0704-EI 30	760 × 435 × 247	650 × 320	20	20	133119
SZ 0404-EI 30	460 × 435 × 247	350 × 320	17	16	133120

* approximate values

** approximate values, no ventilation

*** depth including BPZ-WB3S-XXXX cover

We also provide atypical dimensions upon request.



SZ - EI 45 DP1-S – recessed switchboards (door with frame) IP 54

Model	Outer dimensions [mm] height × width × depth ***	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SZ 2012-EI 45	2060 × 1235 × 247	1950 × 1120	112	128	133201
SZ 2010-EI 45	2060 × 1035 × 247	1950 × 920	99	111	133202
SZ 2008-EI 45	2060 × 835 × 247	1950 × 720	86	78	133203
SZ 2006-EI 45	2060 × 635 × 247	1950 × 520	73	47	133204
SZ 1712-EI 45	1760 × 1235 × 247	1650 × 1120	96	122	133205
SZ 1710-EI 45	1760 × 1035 × 247	1650 × 920	85	95	133206
SZ 1708-EI 45	1760 × 835 × 247	1650 × 720	71	67	133207
SZ 1706-EI 45	1760 × 635 × 247	1650 × 520	59	44	133208
SZ 1512-EI 45	1560 × 1235 × 247	1450 × 1120	83	117	133209
SZ 1510-EI 45	1560 × 1035 × 247	1450 × 920	70	86	133210
SZ 1508-EI 45	1560 × 835 × 247	1450 × 720	60	64	133211
SZ 1506-EI 45	1560 × 635 × 247	1450 × 520	47	39	133212
SZ 1210-EI 45	1260 × 1035 × 247	1150 × 920	59	70	133213
SZ 1208-EI 45	1260 × 835 × 247	1150 × 720	47	48	133214
SZ 1206-EI 45	1260 × 635 × 247	1150 × 520	37	34	133215
SZ 1008-EI 45	1060 × 835 × 247	950 × 720	39	51	133216
SZ 1006-EI 45	1060 × 635 × 247	950 × 520	31	25	133217
SZ 0706-EI 45	760 × 635 × 247	650 × 520	25	20	133218
SZ 0704-EI 45	760 × 435 × 247	650 × 320	22	19	133219
SZ 0404-EI 45	460 × 435 × 247	350 × 320	19	15	133220

* approximate values

** approximate values, no ventilation

*** depth including BPZ-WB3S-XXXX cover

We also provide atypical dimensions upon request.



RECESSED CABINETS

SZ - EI 60 DP1-S – recessed switchboards (door with frame) IP 54

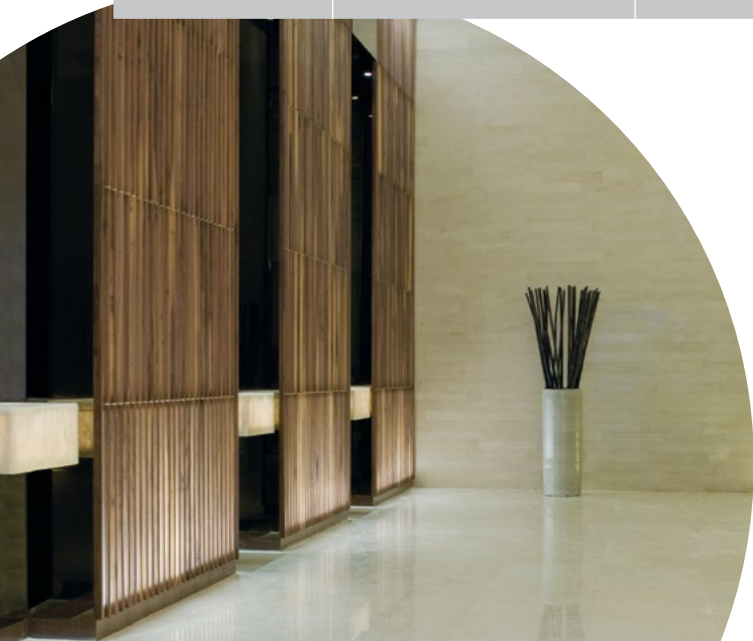
Model	Outer dimensions [mm] height × width × depth ***	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SZ 2012-EI 60	2060 × 1235 × 247	1950 × 1120	114	123	133301
SZ 2010-EI 60	2060 × 1035 × 247	1950 × 920	101	107	133302
SZ 2008-EI 60	2060 × 835 × 247	1950 × 720	88	75	133303
SZ 2006-EI 60	2060 × 635 × 247	1950 × 520	75	45	133304
SZ 1712-EI 60	1760 × 1235 × 247	1650 × 1120	98	117	133305
SZ 1710-EI 60	1760 × 1035 × 247	1650 × 920	87	91	133306
SZ 1708-EI 60	1760 × 835 × 247	1650 × 720	73	64	133307
SZ 1706-EI 60	1760 × 635 × 247	1650 × 520	61	42	133308
SZ 1512-EI 60	1560 × 1235 × 247	1450 × 1120	85	112	133309
SZ 1510-EI 60	1560 × 1035 × 247	1450 × 920	72	83	133310
SZ 1508-EI 60	1560 × 835 × 247	1450 × 720	62	62	133311
SZ 1506-EI 60	1560 × 635 × 247	1450 × 520	49	38	133312
SZ 1210-EI 60	1260 × 1035 × 247	1150 × 920	61	67	133313
SZ 1208-EI 60	1260 × 835 × 247	1150 × 720	49	46	133314
SZ 1206-EI 60	1260 × 635 × 247	1150 × 520	39	33	133315
SZ 1008-EI 60	1060 × 835 × 247	950 × 720	41	48	133316
SZ 1006-EI 60	1060 × 635 × 247	950 × 520	33	24	133317
SZ 0706-EI 60	760 × 635 × 247	650 × 520	27	19	133318
SZ 0704-EI 60	760 × 435 × 247	650 × 320	24	18	133319
SZ 0404-EI 60	460 × 435 × 247	350 × 320	21	14	133320

* approximate values

** approximate values, no ventilation

*** depth including BPZ-WB3S-XXXX cover

We also provide atypical dimensions upon request.



Accessories for recessed switchboards – order numbers:

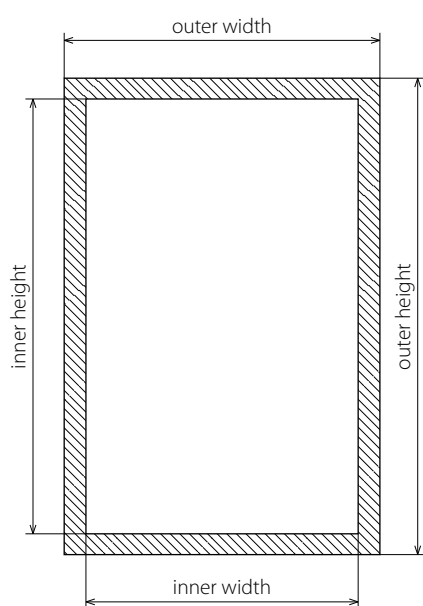
Model	Instrument grate + cover plates	Cover for building in	Electricity meter case	Mounting plate
SZ 2012-EI (30/45/60)	141301	145101	142301	143301
SZ 2010-EI (30/45/60)	141302	145102	142302	143302
SZ 2008-EI (30/45/60)	141303	145103	142303	143303
SZ 2006-EI (30/45/60)	141304	145104	142304	143304
SZ 1712-EI (30/45/60)	141305	145105	142305	143305
SZ 1710-EI (30/45/60)	141306	145106	142306	143306
SZ 1708-EI (30/45/60)	141307	145107	142307	143307
SZ 1706-EI (30/45/60)	141308	145108	142308	143308
SZ 1512-EI (30/45/60)	141309	145109	142309	143309
SZ 1510-EI (30/45/60)	141310	145110	142310	143310
SZ 1508-EI (30/45/60)	141311	145111	142311	143311
SZ 1506-EI (30/45/60)	141312	145112	142312	143312
SZ 1210-EI (30/45/60)	141313	145113	142313	143313
SZ 1208-EI (30/45/60)	141314	145114	142314	143314
SZ 1206-EI (30/45/60)	141315	145115	142315	143315
SZ 1008-EI (30/45/60)	141318	145118	142318	143317
SZ 1006-EI (30/45/60)	141319	145119	142319	143318
SZ 0706-EI (30/45/60)	141322	145122	142322	143319
SZ 0704-EI (30/45/60)	141323	145123	142323	143320
SZ 0404-EI (30/45/60)	141325	145124	142325	143321



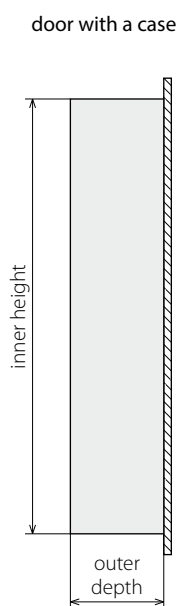
RECESSED CABINETS SZ L

RECESSED FLAMEPROOF SWITCHBOARD CABINETS – RECESSED FRAME WITH A DOOR WITH ITS OWN CASE

- No other components are required for recessed installation. Insert the instrument grate into the prepared case.
- Fire resistance EI 30, EI 45 and EI 60
- Design DP1-S
- According to ČSN 73 0810, ČSN 73 0848, ČSN EN 1634-1 standards
- Tested and certified by the PAVUS, a.s. testing centre in Prague according to Government Regulation No. 163/2002 Coll., as amended, product group 10.14.
- IP 54 protection
- Optional installation of a ventilation system
- Door hinge on the right (upon request on the left)
- Smoke-tight treatment
- The entire inner space of the cabinet is lined with a fireproof plate with Class A1 flame resistance
- The surface is treated with RAL 7035, light grey powder technology; other treatment can be provided upon agreement
- Each cabinet box is provided with a Declaration of Conformity and Assembly Instructions
- Inlets and outlets are placed at the top or at the bottom, alternatively in the back of the box
- Possible installation of an instrument grate, an electricity meter case or an assembly plate
- Supply of non-standard dimensions after consultation



FRONT VIEW



LEFT SIDE



Electricity meter case



Mounting plate



Electricity meter board



Cover plate with cut-out/ without cut-out

ACCESSORIES

You can choose the following accessories for recessed cabinets:

- Instrument grate + cover plates with or without cut-out
- Mounting plate
- Electricity meter preparation (electricity meter case, electricity meter plate, DIN rails with a covering plate with or without cut-out)
- Ventilation system



Instrument grate

SZ L - EI 30 DP1-S – recessed switchboards (door with a frame) with own case IP 54

Model	Outer dimensions [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SZ L-2012-EI 30	2060 × 1235 × 200	1950 × 1120	118	135	146101
SZ L-2010-EI 30	2060 × 1035 × 200	1950 × 920	105	117	146102
SZ L-2008-EI 30	2060 × 835 × 200	1950 × 720	92	82	146103
SZ L-2006-EI 30	2060 × 635 × 200	1950 × 520	79	49	146104
SZ L-1712-EI 30	1760 × 1235 × 200	1650 × 1120	102	129	146105
SZ L-1710-EI 30	1760 × 1035 × 200	1650 × 920	91	100	146106
SZ L-1708-EI 30	1760 × 835 × 200	1650 × 720	77	70	146107
SZ L-1706-EI 30	1760 × 635 × 200	1650 × 520	65	46	146108
SZ L-1512-EI 30	1560 × 1235 × 200	1450 × 1120	89	123	146109
SZ L-1510-EI 30	1560 × 1035 × 200	1450 × 920	76	91	146110
SZ L-1508-EI 30	1560 × 835 × 200	1450 × 720	63	68	146111
SZ L-1506-EI 30	1560 × 635 × 200	1450 × 520	50	41	146112
SZ L-1210-EI 30	1260 × 1035 × 200	1150 × 920	62	74	146113
SZ L-1208-EI 30	1260 × 835 × 200	1150 × 720	50	51	146114
SZ L-1206-EI 30	1260 × 635 × 200	1150 × 520	40	36	146115
SZ L-1008-EI 30	1060 × 835 × 200	950 × 720	42	53	146116
SZ L-1006-EI 30	1060 × 635 × 200	950 × 520	34	27	146117
SZ L-0706-EI 30	760 × 635 × 200	650 × 520	28	21	146118
SZ L-0704-EI 30	760 × 435 × 200	650 × 320	25	20	146119
SZ L-0404-EI 30	460 × 435 × 200	350 × 320	22	16	146120

* approximate values

** approximate values, no ventilation

We also provide atypical dimensions upon request.



RECESSED CABINETS SZ L

SZ L - EI 45 DP1-S – recessed switchboards (door with a frame) with own case IP 54

Model	Outer dimensions [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SZ L-2012-EI 45	2060 × 1235 × 200	1950 × 1120	120	128	146201
SZ L-2010-EI 45	2060 × 1035 × 200	1950 × 920	107	111	146202
SZ L-2008-EI 45	2060 × 835 × 200	1950 × 720	94	78	146203
SZ L-2006-EI 45	2060 × 635 × 200	1950 × 520	81	47	146204
SZ L-1712-EI 45	1760 × 1235 × 200	1650 × 1120	104	122	146205
SZ L-1710-EI 45	1760 × 1035 × 200	1650 × 920	93	95	146206
SZ L-1708-EI 45	1760 × 835 × 200	1650 × 720	79	67	146207
SZ L-1706-EI 45	1760 × 635 × 200	1650 × 520	67	44	146208
SZ L-1512-EI 45	1560 × 1235 × 200	1450 × 1120	91	117	146209
SZ L-1510-EI 45	1560 × 1035 × 200	1450 × 920	78	86	146210
SZ L-1508-EI 45	1560 × 835 × 200	1450 × 720	65	64	146211
SZ L-1506-EI 45	1560 × 635 × 200	1450 × 520	52	39	146212
SZ L-1210-EI 45	1260 × 1035 × 200	1150 × 920	64	70	146213
SZ L-1208-EI 45	1260 × 835 × 200	1150 × 720	52	48	146214
SZ L-1206-EI 45	1260 × 635 × 200	1150 × 520	42	34	146215
SZ L-1008-EI 45	1060 × 835 × 200	950 × 720	44	51	146216
SZ L-1006-EI 45	1060 × 635 × 200	950 × 520	36	25	146217
SZ L-0706-EI 45	760 × 635 × 200	650 × 520	30	20	146218
SZ L-0704-EI 45	760 × 435 × 200	650 × 320	27	19	146219
SZ L-0404-EI 45	460 × 435 × 200	350 × 320	24	15	146220

* approximate values

** approximate values, no ventilation

We also provide atypical dimensions upon request.



SZ L - EI 60 DP1-S – recessed switchboards (door with a frame) with own case IP 54

Model	Outer dimensions [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight * [kg]	PV ** [W]	Order number
SZ L-2012-EI 60	2060 × 1235 × 200	1950 × 1120	122	123	146301
SZ L-2010-EI 60	2060 × 1035 × 200	1950 × 920	109	107	146302
SZ L-2008-EI 60	2060 × 835 × 200	1950 × 720	96	75	146303
SZ L-2006-EI 60	2060 × 635 × 200	1950 × 520	83	45	146304
SZ L-1712-EI 60	1760 × 1235 × 200	1650 × 1120	106	117	146305
SZ L-1710-EI 60	1760 × 1035 × 200	1650 × 920	95	91	146306
SZ L-1708-EI 60	1760 × 835 × 200	1650 × 720	81	64	146307
SZ L-1706-EI 60	1760 × 635 × 200	1650 × 520	69	42	146308
SZ L-1512-EI 60	1560 × 1235 × 200	1450 × 1120	93	112	146309
SZ L-1510-EI 60	1560 × 1035 × 200	1450 × 920	80	83	146310
SZ L-1508-EI 60	1560 × 835 × 200	1450 × 720	67	62	146311
SZ L-1506-EI 60	1560 × 635 × 200	1450 × 520	54	38	146312
SZ L-1210-EI 60	1260 × 1035 × 200	1150 × 920	66	67	146313
SZ L-1208-EI 60	1260 × 835 × 200	1150 × 720	54	46	146314
SZ L-1206-EI 60	1260 × 635 × 200	1150 × 520	44	33	146315
SZ L-1008-EI 60	1060 × 835 × 200	950 × 720	46	48	146316
SZ L-1006-EI 60	1060 × 635 × 200	950 × 520	38	24	146317
SZ L-0706-EI 60	760 × 635 × 200	650 × 520	32	19	146318
SZ L-0704-EI 60	760 × 435 × 200	650 × 320	29	18	146319
SZ L-0404-EI 60	460 × 435 × 200	350 × 320	26	14	146320

* approximate values

** approximate values, no ventilation

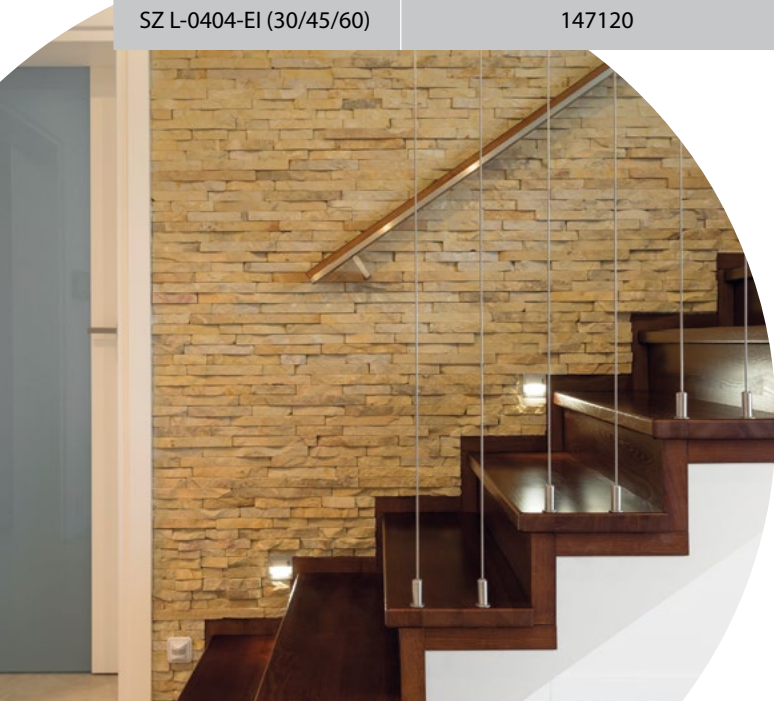
We also provide atypical dimensions upon request.



RECESSED CABINETS SZ L

Accessories for recessed switchboards with own case – order numbers:

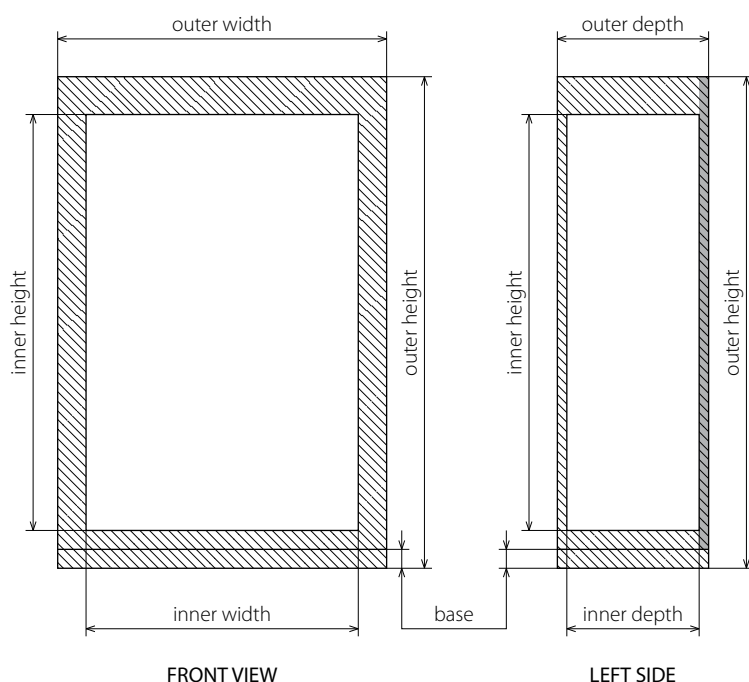
Model	Instrument grate + cover plates	Electricity meter case	Mounting plate
SZ L-2012-EI (30/45/60)	147101	147201	147301
SZ L-2010-EI (30/45/60)	147102	147202	147302
SZ L-2008-EI (30/45/60)	147103	147203	147303
SZ L-2006-EI (30/45/60)	147104	147204	147304
SZ L-1712-EI (30/45/60)	147105	147205	147305
SZ L-1710-EI (30/45/60)	147106	147206	147306
SZ L-1708-EI (30/45/60)	147107	147207	147307
SZ L-1706-EI (30/45/60)	147108	147208	147308
SZ L-1512-EI (30/45/60)	147109	147209	147309
SZ L-1510-EI (30/45/60)	147110	147210	147310
SZ L-1508-EI (30/45/60)	147111	147211	147311
SZ L-1506-EI (30/45/60)	147112	147212	147312
SZ L-1210-EI (30/45/60)	147113	147213	147313
SZ L-1208-EI (30/45/60)	147114	147214	147314
SZ L-1206-EI (30/45/60)	147115	147215	147315
SZ L-1008-EI (30/45/60)	147116	147216	147316
SZ L-1006-EI (30/45/60)	147117	147217	147317
SZ L-0706-EI (30/45/60)	147118	147218	147318
SZ L-0704-EI (30/45/60)	147119	147219	147319
SZ L-0404-EI (30/45/60)	147120	147220	147320



FREE-STANDING CABINETS

FREE-STANDING FLAMEPROOF SWITCHBOARD CABINETS

- Fire resistance EI 30, EI 45, EI 60 and EI 90
- Design DP1-S
- According to ČSN 73 0810, ČSN 73 0848, ČSN EN 1634-1 standards
- Tested and certified by the PAVUS, a.s. testing centre in Prague according to Government Regulation No. 163/2002 Coll., as amended, product group 10.14.
- IP 54 protection
- Optional installation of a ventilation system
- Door hinge on the right, optionally on the left (upon request)
- Smoke-tight treatment
- The entire inner space of the cabinet is lined with a fireproof plate with Class A1 flame resistance
- The surface is treated with RAL 7035, light grey powder technology; other treatment can be provided upon agreement
- Each cabinet box is provided with a Declaration of Conformity and Assembly Instructions
- Inlets and outlets are placed at the top or at the bottom, alternatively in the back of the box
- Possible installation of an instrument grate, an electricity meter case or an assembly plate
- Supply of non-standard dimensions after consultation
- Delivered with a 50 mm base. Possible delivery with 100 mm, 150 mm and 200 mm bases upon agreement.



Electricity meter case



Mounting plate



Electricity meter board



Cover plate with cut-out/without cut-out

ACCESSORIES

You can choose the following accessories for free-standing cabinets:

- Instrument grate + cover plates with or without cut-out
- Mounting plate
- Electricity meter preparation (electricity meter case, electricity meter plate, DIN rails with a covering plate with or without cut-out)
- Ventilation system



Instrument grate

FREE-STANDING CABINETS

SR - EI 30 DP1-S – IP 54 cabinet switchboards

Model	Outer dimensions * [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight ** [kg]	PV *** [W]	Order number
SR 20126-EI 30	2050 × 1270 × 600	1900 × 1120 × 520	284	281	131101
SR 20125-EI 30	2050 × 1270 × 500	1900 × 1120 × 420	262	257	131102
SR 20124-EI 30	2050 × 1270 × 400	1900 × 1120 × 320	239	232	131103
SR 20106-EI 30	2050 × 1070 × 600	1900 × 920 × 520	356	301	131104
SR 20105-EI 30	2050 × 1070 × 500	1900 × 920 × 420	239	276	131105
SR 20104-EI 30	2050 × 1070 × 400	1900 × 920 × 320	217	254	131106
SR 2086-EI 30	2050 × 870 × 600	1900 × 720 × 520	231	231	131107
SR 2085-EI 30	2050 × 870 × 500	1900 × 720 × 420	207	213	131108
SR 2084-EI 30	2050 × 870 × 400	1900 × 720 × 320	192	186	131109
SR 2083-EI 30	2050 × 870 × 300	1900 × 720 × 220	176	170	131110
SR 2066-EI 30	2050 × 670 × 600	1900 × 520 × 520	186	181	131111
SR 2065-EI 30	2050 × 670 × 500	1900 × 520 × 420	171	160	131112
SR 2064-EI 30	2050 × 670 × 400	1900 × 520 × 320	157	140	131113
SR 2063-EI 30	2050 × 670 × 300	1900 × 520 × 220	141	125	131114
SR 17125-EI30	1750 × 1270 × 500	1600 × 1120 × 420	209	210	131115
SR 17124-EI30	1750 × 1270 × 400	1600 × 1120 × 320	198	197	131116
SR 17105-EI30	1750 × 1070 × 500	1600 × 920 × 420	185	206	131117
SR 17104-EI30	1750 × 1070 × 400	1600 × 920 × 320	174	193	131118
SR 1785-EI30	1750 × 870 × 500	1600 × 720 × 420	177	172	131119
SR 1784-EI30	1750 × 870 × 400	1600 × 720 × 320	167	158	131120
SR 1765-EI30	1750 × 670 × 500	1600 × 520 × 420	138	134	131121
SR 1764-EI30	1750 × 670 × 400	1600 × 520 × 320	130	120	131122
SR 15124-EI30	1550 × 1270 × 300	1400 × 1120 × 320	167	167	131123
SR 15104-EI30	1550 × 1070 × 400	1400 × 920 × 320	159	164	131124
SR 1584-EI30	1550 × 870 × 400	1400 × 720 × 320	125	135	131125
SR 1564-EI30	1550 × 670 × 400	1400 × 520 × 320	116	106	131126
SR 1284-EI30	1250 × 870 × 400	1100 × 720 × 320	109	120	131127

* to the height of the cabinet + 50 mm base

** approximate values

*** approximate values, no ventilation

We also provide atypical dimensions upon request.



SR - EI 45 DP1-S – IP 54 cabinet switchboards

Model	Outer dimensions * [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight ** [kg]	PV *** [W]	Order number
SR 20126-EI 45	2050 × 1270 × 600	1900 × 1120 × 520	296	249	131201
SR 20125-EI 45	2050 × 1270 × 500	1900 × 1120 × 420	274	228	131202
SR 20124-EI 45	2050 × 1270 × 400	1900 × 1120 × 320	251	206	131203
SR 20106-EI 45	2050 × 1070 × 600	1900 × 920 × 520	368	267	131204
SR 20105-EI 45	2050 × 1070 × 500	1900 × 920 × 420	251	245	131205
SR 20104-EI 45	2050 × 1070 × 400	1900 × 920 × 320	229	225	131206
SR 2086-EI 45	2050 × 870 × 600	1900 × 720 × 520	243	205	131207
SR 2085-EI 45	2050 × 870 × 500	1900 × 720 × 420	219	189	131208
SR 2084-EI 45	2050 × 870 × 400	1900 × 720 × 320	204	165	131209
SR 2083-EI 45	2050 × 870 × 300	1900 × 720 × 220	188	151	131210
SR 2066-EI 45	2050 × 670 × 600	1900 × 520 × 520	198	160	131211
SR 2065-EI 45	2050 × 670 × 500	1900 × 520 × 420	183	141	131212
SR 2064-EI 45	2050 × 670 × 400	1900 × 520 × 320	169	124	131213
SR 2063-EI 45	2050 × 670 × 300	1900 × 520 × 220	153	111	131214
SR 17125-EI 45	1750 × 1270 × 500	1600 × 1120 × 420	221	186	131215
SR 17124-EI 45	1750 × 1270 × 400	1600 × 1120 × 320	210	174	131216
SR 17105-EI 45	1750 × 1070 × 500	1600 × 920 × 420	197	182	131217
SR 17104-EI 45	1750 × 1070 × 400	1600 × 920 × 320	186	171	131218
SR 1785-EI 45	1750 × 870 × 500	1600 × 720 × 420	189	153	131219
SR 1784-EI 45	1750 × 870 × 400	1600 × 720 × 320	179	140	131220
SR 1765-EI 45	1750 × 670 × 500	1600 × 520 × 420	150	119	131221
SR 1764-EI 45	1750 × 670 × 400	1600 × 520 × 320	142	106	131222
SR 15124-EI 45	1550 × 1270 × 300	1400 × 1120 × 320	179	148	131223
SR 15104-EI 45	1550 × 1070 × 400	1400 × 920 × 320	171	146	131224
SR 1584-EI 45	1550 × 870 × 400	1400 × 720 × 320	137	120	131225
SR 1564-EI 45	1550 × 670 × 400	1400 × 520 × 320	128	94	131226
SR 1284-EI 45	1250 × 870 × 400	1100 × 720 × 320	121	106	131227

* to the height of the cabinet + 50 mm base

** approximate values

*** approximate values, no ventilation

We also provide atypical dimensions upon request.



FREE-STANDING CABINETS

SR - EI 60 DP1-S – IP 54 cabinet switchboards

Model	Outer dimensions * [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight ** [kg]	PV *** [W]	Order number
SR 20126-EI 60	2050 × 1270 × 600	1900 × 1120 × 520	307	220	131301
SR 20125-EI 60	2050 × 1270 × 500	1900 × 1120 × 420	285	201	131302
SR 20124-EI 60	2050 × 1270 × 400	1900 × 1120 × 320	262	181	131303
SR 20106-EI 60	2050 × 1070 × 600	1900 × 920 × 520	379	235	131304
SR 20105-EI 60	2050 × 1070 × 500	1900 × 920 × 420	262	215	131305
SR 20104-EI 60	2050 × 1070 × 400	1900 × 920 × 320	240	198	131306
SR 2086-EI 60	2050 × 870 × 600	1900 × 720 × 520	254	180	131307
SR 2085-EI 60	2050 × 870 × 500	1900 × 720 × 420	230	166	131308
SR 2084-EI 60	2050 × 870 × 400	1900 × 720 × 320	215	145	131309
SR 2083-EI 60	2050 × 870 × 300	1900 × 720 × 220	199	133	131310
SR 2066-EI 60	2050 × 670 × 600	1900 × 520 × 520	209	141	131311
SR 2065-EI 60	2050 × 670 × 500	1900 × 520 × 420	194	125	131312
SR 2064-EI 60	2050 × 670 × 400	1900 × 520 × 320	180	109	131313
SR 2063-EI 60	2050 × 670 × 300	1900 × 520 × 220	164	98	131314
SR 17125-EI60	1750 × 1270 × 500	1600 × 1120 × 420	232	164	131315
SR 17124-EI60	1750 × 1270 × 400	1600 × 1120 × 320	221	154	131316
SR 17105-EI60	1750 × 1070 × 500	1600 × 920 × 420	208	161	131317
SR 17104-EI60	1750 × 1070 × 400	1600 × 920 × 320	197	151	131318
SR 1785-EI60	1750 × 870 × 500	1600 × 720 × 420	200	135	131319
SR 1784-EI60	1750 × 870 × 400	1600 × 720 × 320	190	124	131320
SR 1765-EI60	1750 × 670 × 500	1600 × 520 × 420	161	105	131321
SR 1764-EI60	1750 × 670 × 400	1600 × 520 × 320	153	94	131322
SR 15124-EI60	1550 × 1270 × 300	1400 × 1120 × 320	190	131	131323
SR 15104-EI60	1550 × 1070 × 400	1400 × 920 × 320	182	129	131324
SR 1584-EI60	1550 × 870 × 400	1400 × 720 × 320	148	105	131325
SR 1564-EI60	1550 × 670 × 400	1400 × 520 × 320	139	83	131326
SR 1284-EI60	1250 × 870 × 400	1100 × 720 × 320	132	94	131327

* to the height of the cabinet + 50 mm base

** approximate values

*** approximate values, no ventilation

We also provide atypical dimensions upon request.



SR - EI 90 DP1-S – IP 54 cabinet switchboards

Model	Outer dimensions * [mm] height × width × depth	Inner dimensions [mm] height × width × depth	Weight ** [kg]	PV *** [W]	Order number
SR 20126-EI 90	2075 × 1295 × 640	1900 × 1120 × 520	363	169	131401
SR 20125-EI 90	2075 × 1295 × 540	1900 × 1120 × 420	341	155	131402
SR 20124-EI 90	2075 × 1295 × 440	1900 × 1120 × 320	318	139	131403
SR 20106-EI 90	2075 × 1095 × 640	1900 × 920 × 520	435	181	131404
SR 20105-EI 90	2075 × 1095 × 540	1900 × 920 × 420	318	166	131405
SR 20104-EI 90	2075 × 1095 × 440	1900 × 920 × 320	296	152	131406
SR 2086-EI 90	2075 × 895 × 640	1900 × 720 × 520	310	139	131407
SR 2085-EI 90	2075 × 895 × 540	1900 × 720 × 420	290	128	131408
SR 2084-EI 90	2075 × 895 × 440	1900 × 720 × 320	271	112	131409
SR 2066-EI 90	2075 × 695 × 640	1900 × 520 × 520	265	109	131410
SR 2065-EI 90	2075 × 695 × 540	1900 × 520 × 420	250	96	131411
SR 2064-EI 90	2075 × 695 × 440	1900 × 520 × 320	236	84	131412
SR 17125-EI 90	1775 × 1295 × 540	1600 × 1120 × 420	288	127	131413
SR 17124-EI 90	1775 × 1295 × 440	1600 × 1120 × 320	277	119	131414
SR 17105-EI 90	1775 × 1095 × 540	1600 × 920 × 420	264	124	131415
SR 17104-EI 90	1775 × 1095 × 440	1600 × 920 × 320	253	116	131416
SR 1785-EI 90	1775 × 895 × 540	1600 × 720 × 420	256	104	131417
SR 1784-EI 90	1775 × 895 × 440	1600 × 720 × 320	246	95	131418
SR 1765-EI 90	1775 × 695 × 540	1600 × 520 × 420	217	81	131419
SR 1764-EI 90	1775 × 695 × 440	1600 × 520 × 320	209	72	131420
SR 15124-EI 90	1575 × 1295 × 440	1400 × 1120 × 320	246	101	131421
SR 15104-EI 90	1575 × 1095 × 440	1400 × 920 × 320	238	99	131422
SR 1584-EI 90	1575 × 895 × 440	1400 × 720 × 320	204	81	131423
SR 1564-EI 90	1575 × 695 × 440	1400 × 520 × 320	195	64	131424
SR 1284-EI 90	1275 × 895 × 440	1100 × 720 × 320	188	72	131425

* to the height of the cabinet + 50 mm base

** approximate values

*** approximate values, no ventilation

We also provide atypical dimensions upon request.



FREE-STANDING CABINETS

Cabinet switchboard accessories – order numbers:

Model	Instrument grate	Cover plates	Electricity meter case	Mounting plate
SR 20126-EI (30/45/60/90)	141101	146101	142101	143101
SR 20125-EI (30/45/60/90)	141102	146102	142102	143102
SR 20124-E (30/45/60/90)	141103	146103	142103	143103
SR 20106-EI (30/45/60/90)	141104	146104	142104	143104
SR 20105-EI (30/45/60/90)	141105	146105	142105	143105
SR 20104-EI (30/45/60/90)	141106	146106	142106	143106
SR 2086-EI (30/45/60/90)	141107	146107	142107	143107
SR 2085-EI (30/45/60/90)	141108	146108	142108	143108
SR 2084-EI (30/45/60/90)	141109	146109	142109	143109
SR 2083-EI (30/45/60/90)	141110	146110	142110	143110
SR 2066-EI (30/45/60/90)	141111	146111	142111	143111
SR 2065-EI (30/45/60/90)	141112	146112	142112	143112
SR 2064-EI (30/45/60/90)	141113	146113	142113	143113
SR 2063-EI (30/45/60/90)	141114	146114	142114	143114
SR 17125-EI (30/45/60/90)	141115	146115	142115	143115
SR 17124-EI (30/45/60/90)	141116	146116	142116	143116
SR 17105-EI (30/45/60/90)	141117	146117	142117	143117
SR 17104-EI (30/45/60/90)	141118	146118	142118	143118
SR 1785-EI (30/45/60/90)	141119	146119	142119	143119
SR 1784-EI (30/45/60/90)	141120	146120	142120	143120
SR 1765-EI (30/45/60/90)	141121	146121	142121	143121
SR 1764-EI (30/45/60/90)	141122	146122	142122	143122
SR 15124-EI (30/45/60/90)	141123	146123	142123	143123
SR 15104-EI (30/45/60/90)	141124	146124	142124	143124
SR 1584-EI (30/45/60/90)	141125	146125	142125	143125
SR 1564-EI (30/45/60/90)	141126	146126	142126	143126
SR 1284-EI (30/45/60/90)	141127	146127	142127	143127



VENTILATION SYSTEMS

The ventilation grilles are tested and certified in the PAVUS, a.s. test centre.

The fire grilles are supplied in the following dimensions, with EI 30, EI 60, and EI 90 fire resistance. Behind the grille, it is possible to install a fan for more efficient heat removal.

Fire grilles – order numbers:

Dimensions [mm] height × width	EI 30	EI 60	EI 90
150 × 150	144101	144201	144301
210 × 210	144102	144202	144302
270 × 270	144103	144203	–

Fans – order numbers:

Free flow [m ³ /h]	Installation depth [mm]	Intended for grille [mm] height × width	Order number
105	90	150 × 150	145101
230	107	210 × 210	145103
550	120	270 × 270	145104



CABLE INLET SEALING

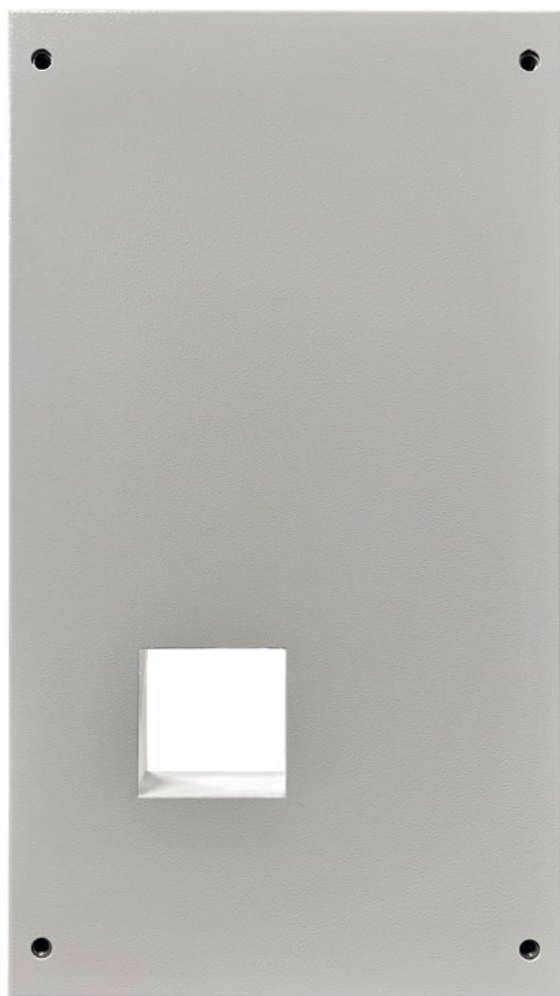
Cable openings can be handled in two ways.

- Via a cutout in the ceiling or in the bottom of the cabinet. This opening must be sealed with a fire seal on the construction site.
- An intumescent outlet block through which the cables are pulled into the box, which ensures sealing of the cable inlet.

GOING THROUGH A CUTOUT IN A SPECIFIC PART OF THE CABINET

Cables are pulled through the prepared opening at the place of installation of the switchboard, and subsequently the entire space of the cutout is sealed with a fire seal. Proper fire sealing must be carried out by a qualified and certified person.

- The cable passage opening can be located both at the bottom and on the top.
- In the case of the SP wall-mounted cabinet, it is possible to prepare the opening also in the back of the cabinet
- Opening for cables of any size (up to 75 % of the area)
- Sealing of the opening is done only during the final placement of the switchboard on the construction site
- The advantage of this option is significant variability of cable inlets into the cabinet and a lower price



GOING THROUGH INTUMESCENT FIRE SEAL

The opening consists of an intumescent block through which non-combustible cables are pulled.

In the event of a fire, the block reacts actively and starts expanding due to heat. This ensures 100 % sealing of the area around the cables and prevents the spreading of fire and heat in the cable outlet area.

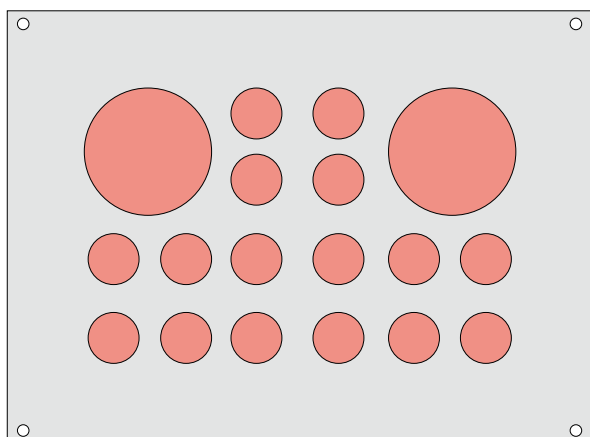
- Possible placement in both the ceiling and the bottom of the cabinet
- Possible installation of multiple blocks next to each other
- Selection from multiple variants – UKM-1, UKM-2
- The advantage of this option is the quick and easy installation of cables through the intumescent block without the need to seal the opening at the construction site

Two designs are available

UKM-1 (order number 147101)

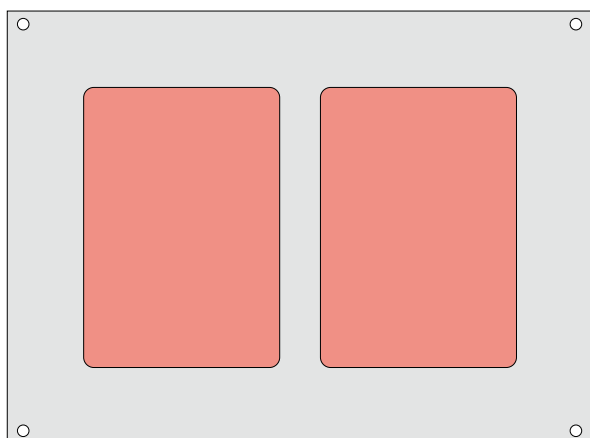
2 openings $\varnothing$ 50 mm

16 openings $\varnothing$ 22 mm



UKM-2 (order number 147102)

2 holes of 77 × 110 mm for individual cable installation





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