

HYPER-BOX cabinet



CABINET DESCRIPTION:

The series of HYPER-BOX is modular system of cabinets for outdoor use. Wide range of sizes and internal equipment make this product an ideal solution for telecommunication, power industry and industry. Dependable on internal equipment and environmental requirements, the HYPER-BOX cabinet can be prepared as a thermal-insulation cabinet or with middle-wall venting. In case of large heat losses, efficient heat exchangers or air-conditioning units can be easily installed. Modular structure allows free configuration of cabinets in case of equipping with walls and doors in every level. Adaptation of almost full functionality of indoor cabinets make HYPER-BOX fully configurable to current projects requirements.

CONFIGURATION:

Required HYPER-BOX configuration needs to be joined from:

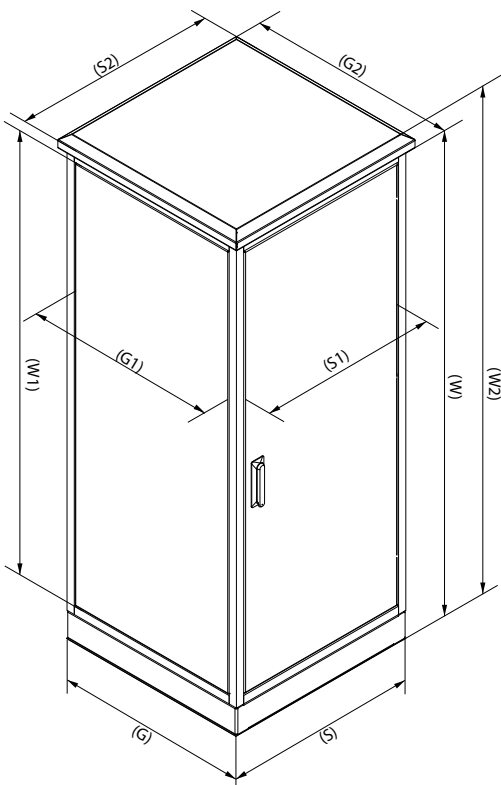
1. Frames of cabinet (equipped standard with 100mm plinth, bottom plate and roof)
2. Door and side walls (configurable freely but taking into account frame dimensions)
3. Internal equipment

TECHNICAL DATA:

Construction: aluminium, screwed, protection rating of IP 55

Material: cabinet profile and external elements: 2mm and 1,5mm aluminium sheets. Internal elements made from alu-zincked steel sheets.

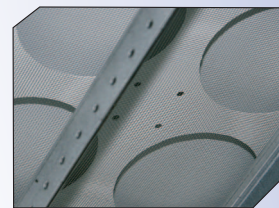
Surface finishing: powder-painted coating



Construction details



Doors opening mechanism



Fan tray



Ventilation panel with filter mat



Cable channel



Aluminium, screwed construction



High execution quality

TABLE OF PRE-CONFIGURED 1200MM HYPERBOX OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) of mm	700	700	900	900	1100	1100	1300	1300	46
Height (H) of mm	1200	1200	1200	1200	1200	1200	1200	1200	
Depth (D) of mm	500	600	500	600	500	600	500	600	
Operational width (W1) mm	590	590	790	790	990	990	1190	1190	
Operational height (H1) mm	1090	1090	1090	1090	1090	1090	1090	1090	
Mounting depth (D1) mm	430	530	430	530	430	530	430	530	
Total width with roof (W2) mm	764	764	964	964	1164	1164	1364	1364	
Height with roof and plinth (H2) mm	1385	1385	1385	1385	1385	1385	1385	1385	
Total depth with roof (D2) mm	564	664	564	664	564	664	564	664	
Catalogue number of cabinet frame with roof and plinth	UG027125	UG027126	UG029125	UG029126	UG021125	UG021126	UG023125	UG023126	
Doors									
Double-wall doors with thermo-insulation	UG090712	UG090712	UG090912	UG090912	UG140112	UG140112	UG140312	UG140312	
Double-wall doors with middle-wall venting	UG091712	UG091712	UG091912	UG091912	UG141112	UG141112	UG141312	UG141312	
Side / back wall									
Side double-wall with thermo-insulation	UG060125	UG060126	UG060125	UG060126	UG060125	UG060126	UG060125	UG060126	
Side double-wall middle-wall venting	UG061125	UG061126	UG061125	UG061126	UG061125	UG061126	UG061125	UG061126	
Back double-wall with thermo-insulation	UG060127	UG060127	UG060129	UG060129	UG060121	UG060121	UG060123	UG060123	
Back double-wall with middle-wall venting	UG061127	UG061127	UG061129	UG061129	UG061121	UG061121	UG061123	UG061123	
Top panel assembly									
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm									
Complete floor sheet multisectional IP 55									
Bottom plate with cable gland seal type 1	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	
Bottom plate with cable gland seal type 2	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080675	UH080676	UH080695	UH080696	UH080615	UH080616	UH080635	UH080636	
Concrete foundation	UH080775	UH080776	UH080795	UH080796	UH080715	UH080716	UH080735	UH080736	
Accessories									
Mounting plate	NG170612	NG170612	NG170812	NG170812	NG170012	NG170012	NG170212	NG170212	162
Mounting plate assembly kit	UG179002	UG179002	UG179002	UG179002	UG179002	UG179002	UG179002	UG179002	
Mounting adapter for building 19"/21" constructions	UG179001	UG179001	UG179001	UG179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails (inches) – 24U	NA170224	NA170224	NA170224	NA170224	1)	1)	1)	1)	153
Profile rails metrical	NG185120	NG185120	NG185120	NG185120	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166



Additional information:
 - basic equipment
 1) - build prepared by manufacturer based on detailed project guidelines

TABLE OF PRE-CONFIGURED 1400MM HYPERBOX OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) of mm	700	700	900	900	1100	1100	1300	1300	46
Height (H) of mm	1400	1400	1400	1400	1400	1400	1400	1400	
Depth (D) of mm	500	600	500	600	500	600	500	600	
Operational width (W1) mm	590	590	790	790	990	990	1190	1190	
Operational height (H1) mm	1290	1290	1290	1290	1290	1290	1290	1290	
Mounting depth (D1) mm	430	530	430	530	430	530	430	530	
Total width with roof (W2) mm	764	764	964	964	1164	1164	1364	1364	
Height with roof and plinth (H2) mm	1585	1585	1585	1585	1585	1585	1585	1585	
Total depth with roof (D2) mm	564	664	564	664	564	664	564	664	
Catalogue number of cabinet frame with roof and plinth	UG027145	UG027146	UG029145	UG029146	UG021145	UG021146	UG023145	UG023146	
Doors									
Double-wall doors with thermo-insulation	UG090714	UG090714	UG090914	UG090914	UG140114	UG140114	UG140314	UG140314	
Double-wall doors with middle-wall venting	UG091714	UG091714	UG091914	UG091914	UG141114	UG141114	UG141314	UG141314	
Side / back wall									
Side double-wall with thermo-insulation	UG060145	UG060146	UG060145	UG060146	UG060145	UG060146	UG060145	UG060146	
Side double-wall middle-wall venting	UG061145	UG061146	UG061145	UG061146	UG061145	UG061146	UG061145	UG061146	
Back double-wall with thermo-insulation	UG060147	UG060147	UG060149	UG060149	UG060141	UG060141	UG060143	UG060143	
Back double-wall with middle-wall venting	UG061147	UG061147	UG061149	UG061149	UG061141	UG061141	UG061143	UG061143	
Top panel assembly									
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm									
Complete floor sheet multisectional IP 55									
Bottom plate with cable gland seal type 1	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	
Bottom plate with cable gland seal type 2	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080675	UH080676	UH080695	UH080696	UH080615	UH080616	UH080635	UH080636	
Concrete foundation	UH080775	UH080776	UH080795	UH080796	UH080715	UH080716	UH080735	UH080736	
Accessories									
Mounting plate	NG170614	NG170614	NG170814	NG170814	NG170014	NG170014	NG170214	NG170214	162
Mounting plate assembly kit	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	
Mounting adapter for building 19"/21" constructions	UG179001	UG179001	UG179001	UG179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails (inches) – 24U	NA170229	NA170229	NA170229	NA170229	1)	1)	1)	1)	153
Profile rails metrical	NG185140	NG185140	NG185140	NG185140	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166



Additional information:

- basic equipment

1) - build prepared by manufacturer based on detailed project guidelines

TABLE OF PRE-CONFIGURED 1800MM HYPERBOX OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) of mm	700	700	900	900	1100	1100	1300	1300	46
Height (H) of mm	1600	1600	1600	1600	1600	1600	1600	1600	
Depth (D) of mm	500	600	500	600	500	600	500	600	
Operational width (W1) mm	590	590	790	790	990	990	1190	1190	
Operational height (H1) mm	1490	1490	1490	1490	1490	1490	1490	1490	
Mounting depth (D1) mm	430	530	430	530	430	530	430	530	
Total width with roof (W2) mm	764	764	964	964	1164	1164	1364	1364	
Height with roof and plinth (H2) mm	1785	1785	1785	1785	1785	1785	1785	1785	
Total depth with roof (D2) mm	564	664	564	664	564	664	564	664	
Catalogue number of cabinet frame with roof and plinth	UG027165	UG027166	UG029165	UG029166	UG021165	UG021166	UG023165	UG023166	
Doors									
Double-wall doors with thermo-insulation	UG090716	UG090716	UG090916	UG090916	UG140116	UG140116	UG140316	UG140316	
Double-wall doors with middle-wall venting	UG091716	UG091716	UG091916	UG091916	UG141116	UG141116	UG141316	UG141316	
Side / back wall									
Side double-wall with thermo-insulation	UG060165	UG060166	UG060165	UG060166	UG060165	UG060166	UG060165	UG060166	
Side double-wall middle-wall venting	UG061165	UG061166	UG061165	UG061166	UG061165	UG061166	UG061165	UG061166	
Back double-wall with thermo-insulation	UG060167	UG060167	UG060169	UG060169	UG060161	UG060161	UG060163	UG060163	
Back double-wall with middle-wall venting	UG061167	UG061167	UG061169	UG061169	UG061161	UG061161	UG061163	UG061163	
Top panel assembly									
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm									
Complete floor sheet multisectional IP 55									
Bottom plate with cable gland seal type 1	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	
Bottom plate with cable gland seal type 2	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080675	UH080676	UH080695	UH080696	UH080615	UH080616	UH080635	UH080636	
Concrete foundation	UH080775	UH080776	UH080795	UH080796	UH080715	UH080716	UH080735	UH080736	
Accessories									
Mounting plate	NG170616	NG170616	NG170816	NG170816	NG170016	NG170016	NG170216	NG170216	162
Mounting plate assembly kit	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	
Mounting adapter for building 19"/21" constructions	UG179001	UG179001	UG179001	UG179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails (inches) – 24U	NA170233	NA170233	NA170233	NA170233	1)	1)	1)	1)	153
Profile rails metrical	NG185160	NG185160	NG185160	NG185160	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166



Additional information:

- basic equipment

1) - build prepared by manufacturer based on detailed project guidelines

TABLE OF PRE-CONFIGURED 1800MM HYPERBOX OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) of mm	700	700	900	900	1100	1100	1300	1300	46
Height (H) of mm	1800	1800	1800	1800	1800	1800	1800	1800	
Depth (D) of mm	500	600	500	600	500	600	500	600	
Operational width (W1) mm	590	590	790	790	990	990	1190	1190	
Operational height (H1) mm	1690	1690	1690	1690	1690	1690	1690	1690	
Mounting depth (D1) mm	430	530	430	530	430	530	430	530	
Total width with roof (W2) mm	764	764	964	964	1164	1164	1364	1364	
Height with roof and plinth (H2) mm	1985	1985	1985	1985	1985	1985	1985	1985	
Total depth with roof (D2) mm	564	664	564	664	564	664	564	664	
Catalogue No. of cabinet frame with roof and plinth	UG027185	UG027186	UG029185	UG029186	UG021185	UG021186	UG023185	UG023186	
Doors									
Double-wall doors with thermo-insulation	UG090718	UG090718	UG090918	UG090918	UG140118	UG140118	UG140318	UG140318	
Double-wall doors with middle-wall venting	UG091718	UG091718	UG091918	UG091918	UG141118	UG141118	UG141318	UG141318	
Side / back wall									
Side double-wall with thermo-insulation	UG060185	UG060186	UG060185	UG060186	UG060185	UG060186	UG060185	UG060186	
Side double-wall middle-wall venting	UG061185	UG061186	UG061185	UG061186	UG061185	UG061186	UG061185	UG061186	
Back double-wall with thermo-insulation	UG060187	UG060187	UG060189	UG060189	UG060181	UG060181	UG060183	UG060183	
Back double-wall with middle-wall venting	UG061187	UG061187	UG061189	UG061189	UG061181	UG061181	UG061183	UG061183	
Top panel assembly									
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm									
Complete floor sheet multisectional IP 55									
Bottom plate with cable gland seal type 1	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	
Bottom plate with cable gland seal type 2	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080675	UH080676	UH080695	UH080696	UH080615	UH080616	UH080635	UH080636	
Concrete foundation	UH080775	UH080776	UH080795	UH080796	UH080715	UH080716	UH080735	UH080736	
Accessories									
Mounting plate	NG170618	NG170618	NG170818	NG170818	NG170018	NG170018	NG170218	NG170218	162
Mounting plate assembly kit	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	
Mounting adapter for building 19"/21" constructions	UG179001	UG179001	UG179001	UG179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails (inches) – 38U	NA170238	NA170238	NA170238	NA170238	1)	1)	1)	1)	153
Profile rails metrical	NG185180	NG185180	NG185180	NG185180	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166



Additional information:
 - basic equipment
 1) - build prepared by manufacturer based on detailed project guidelines

TABLE OF PRE-CONFIGURED 2000MM HYPERBOX OUTDOOR CABINETS

Dimensions									Page of catalogue
Width (W) of mm	700	700	900	900	1100	1100	1300	1300	46
Height (H) of mm	2000	2000	2000	2000	2000	2000	2000	2000	
Depth (D) of mm	500	600	500	600	500	600	500	600	
Operational width (W1) mm	590	590	790	790	990	990	1190	1190	
Operational height (H1) mm	1890	1890	1890	1890	1890	1890	1890	1890	
Mounting depth (D1) mm	430	530	430	530	430	530	430	530	
Total width with roof (W2) mm	764	764	964	964	1164	1164	1364	1364	
Height with roof and plinth (H2) mm	2185	2185	2185	2185	2185	2185	2185	2185	
Total depth with roof (D2) mm	564	664	564	664	564	664	564	664	
Catalogue No. of cabinet frame with roof and plinth	UG027205	UG027206	UG0279205	UG029206	UG021205	UG021206	UG023205	UG023206	
Doors									
Double-wall doors with thermo-insulation	UG090720	UG090720	UG090920	UG090920	UG140120	UG140120	UG140320	UG140320	
Double-wall doors with middle-wall venting	UG091720	UG091720	UG091920	UG091920	UG141120	UG141120	UG141320	UG141320	
Side / back wall									
Side double-wall with thermo-insulation	UG060205	UG060206	UG060205	UG060206	UG060205	UG060206	UG060205	UG060206	
Side double-wall middle-wall venting	UG061205	UG061206	UG061205	UG061206	UG061205	UG061206	UG061205	UG061206	
Back double-wall with thermo-insulation	UG060207	UG060207	UG060209	UG060209	UG060201	UG060201	UG060203	UG060203	
Back double-wall with middle-wall venting	UG061207	UG061207	UG061209	UG061209	UG061201	UG061201	UG061203	UG061203	
Top panel assembly									
Fan for tray mounting -48 VDC	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	KA200010	146
Fan for tray mounting -230 IN AC	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	KA200000	146
Thermostat	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	KA100010	169
Plinth / Bottom plate									
Complete plinth, 100mm									
Complete floor sheet multisectional IP 55									
Bottom plate with cable gland seal type 1	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	UG080511	
Bottom plate with cable gland seal type 2	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	UG080521	
Bottom plate with cable gland seal type 3	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	UG080531	
Frame for cementing	UH080675	UH080676	UH080695	UH080696	UH080615	UH080616	UH080635	UH080636	
Concrete foundation	UH080775	UH080776	UH080795	UH080796	UH080715	UH080716	UH080735	UH080736	
Accessories									
Mounting plate	NG170620	NG170620	NG170820	NG170820	NG170020	NG170020	NG170220	NG170220	162
Mounting plate assembly kit	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	NG179002	
Mounting adapter for building 19"/21" constructions	UG179001	UG179001	UG179001	UG179001	1)	1)	1)	1)	
Deep-seated bracket for 19" profile rails	2xNA150104	2xNA150105	2xNA171984	2xNA171985	1)	1)	1)	1)	154
Deep-seated bracket for 21" profile rails	-	-	2xNA171184	2xNA171185	1)	1)	1)	1)	
Profile rails (inches) - 42U	NA170242	NA170242	NA170242	NA170242	1)	1)	1)	1)	153
Profile rails metrical	NG185200	NG185200	NG185200	NG185200	1)	1)	1)	1)	
Accessories and equipment 19"	Details on pages 134-169								
Elements of voltage switchgear	Details on pages 92-109								
Replaceable insert of door filter	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	KA100101	
Cable eyes rail	NA088070	NA088070	NA088090	NA088090	NA088110	NA088110	NA088130	NA088130	
Cable eyes	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	AZ176000	68
Electrical equipment									
Heater 250W	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	KG101250	168
Copper grounding rail	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	NA090010	166



Additional information:
 - basic equipment
 1) - build prepared by manufacturer based on detailed project guidelines