

OJL Distribusjonsblokker



Six reasons to choose OJL distribution blocks

1

High nominal voltages
OJL 135: 1000 V
Other models: 1000 V AC /
1500 V DC

2

Tightening torques on the
connector covers (only in
OJL 80 and OJL 135 models)

3

Places for component
markers 5 mm wide eg. Partex
TX (only in OJL 80 and OJL
135 models)

4

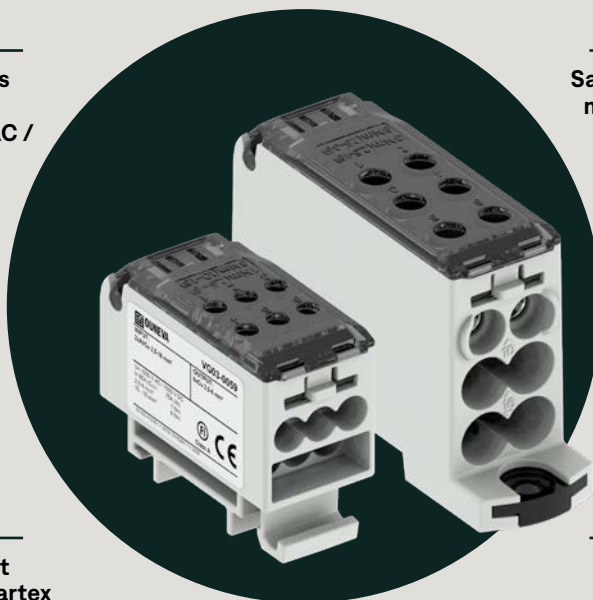
Safe UL 94 V-0 class plastic
material (in PA66 models)

5

Easy installation on
DIN-rail or with screws

6

Extremely compact size
enables connections in
constricted spaces



General

OJL distribution blocks offer the best quality on the market in addition to features, that increase the safety and ease of installation of the connectors and enable versatile end usage applications.

Pre-greased contact spaces and the connection done with hex screws guarantee easy and quick installation. The compact size of the connectors ensures efficient use of space even in constricted installation spaces.

Use

OJL distribution blocks are used for branching connections in electrical devices. OJL distribution blocks can be used with aluminium and copper wires.

Installation can be done with screws or onto a DIN-rail. The OJL 80 & 135 distribution blocks can be connected in series. In other models, the input is through one conductor. Outputs can be done between the connector models with 6, 7 or 11 conductors. Branching connections can be also done with input conductors up to 240mm² and busbars up to 10x(1×24).

Materials

The body of the distribution blocks is tin-plated aluminium. Insulating cover is made from halogen-free UL 94 V-0 class polyamide.

Standards

EN 60947-7-1:2009, EN 61238-1:2003

Produktsikkerhet og sertifisering

Vi anbefaler å velge en klasse A-klemme

Koblingsklemmer kan klassifiseres i to ulike klasser, A og B. Hvor kun klasse A-klemmer også er kortslutningstestet og har et mye bredere bruksområde. Klasse A- Koblingsklemmer er også sikrere og mer kostnadseffektive, da de ikke krever separate ultravikre sikringer, som ofte er kostbare både å anskaffe og installere. Vi anbefaler at du velger en klasse A-klemme for å sikre trygg bruk.

Ved tilkobling av aluminiumsleder må installasjonsveiledningen følges nøye

De anbefalte forberedelsene for aluminiumsledere er avrunding, påføring av fett og børsting. Fjern først isolasjonen og form kablen til en rund form. Deretter påføres fett på lederen, og fjern det oksiderte laget overflaten, for eksempel ved å børste med en stålbørste. Til slutt monteres lederen i klemmen, og trekkes til med en momentnøkkel.

OJL 80

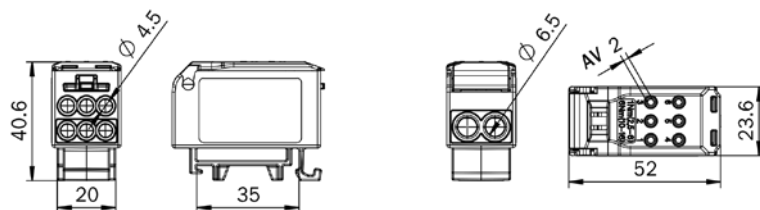


The single pole distribution block OJL 80 is suitable for branching connections. Distributes the current through 6 output cables.

Input wirings: 2xAl/Cu (2,5-16 mm²).

Output wirings: 6xCu (2,5-6 mm²)

The housing and cover is made of safe PA66 V-0 material in PA66 models. DIN-rail mounting.



EL-nummer	Product code	Product name	Color	Conductor - Input (mm ²)	Conductor - Output (mm ²)	Un (V)	In (A)	Tightening torque	Weight (g)	Package (pcs)
1257010	VG03-0059	OJL 80	Grey	2xAl/Cu 2,5-16	6xCu 2,5-6	1000 V AC / 1500 V DC	80 (Cu) / 75 (Al)	1 Nm (2,5-6 mm ²), 6 Nm (2,5-16 mm ²)	38	36
1257011	VG03-0060	OJL 80	Blue	2xAl/Cu 2,5-16	6xCu 2,5-6	1000 V AC / 1500 V DC	80 (Cu) / 75 (Al)	1 Nm (2,5-6 mm ²), 6 Nm (2,5-16 mm ²)	38	36
1257012	VG03-0061	OJL 80	Green	2xAl/Cu 2,5-16	6xCu 2,5-6	1000 V AC / 1500 V DC	80 (Cu) / 75 (Al)	1 Nm (2,5-6 mm ²), 6 Nm (2,5-16 mm ²)	38	36
	VG03-0068	OJL 80 PA66	Grey	2xAl/Cu 2,5-16	6xCu 2,5-6	1000 V AC / 1500 V DC	80 (Cu) / 75 (Al)	1 Nm (2,5-6 mm ²), 6 Nm (2,5-16 mm ²)	38	36
	VG03-0069	OJL 80 PA66	Blue	2xAl/Cu 2,5-16	6xCu 2,5-6	1000 V AC / 1500 V DC	80 (Cu) / 75 (Al)	1 Nm (2,5-6 mm ²), 6 Nm (2,5-16 mm ²)	38	36
	VG03-0070	OJL 80 PA66	Green	2xAl/Cu 2,5-16	6xCu 2,5-6	1000 V AC / 1500 V DC	80 (Cu) / 75 (Al)	1 Nm (2,5-6 mm ²), 6 Nm (2,5-16 mm ²)	38	36

OJL 135

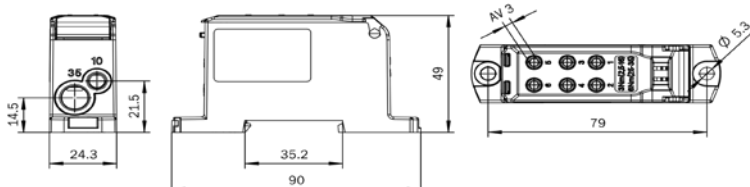
The single pole distribution block OJL 135 is suitable for branching connections. Distributes the current through 6 output cables.

Suitable for series connection.

Input wirings either 1xAl/Cu (2,5-35 mm²) or 1xAl/Cu (2,5-10 mm²).

Output wirings: 4xCu (2,5-16 mm²) and 2xCu (2,5-10 mm²).

The housing and cover is made of safe PA66 V-0 material in PA66 models. DIN-rail mounting or installation with screws.



EL-nummer	Product code	Product name	Color	Conductor - Input (mm ²)	Conductor - Output (mm ²)	Un (V)	In (A)	Tightening torque	Weight (g)	Package (pcs)
1257007	VG03-0052	OJL 135	Grey	1xAl/Cu 2,5-35 / 1xAl/Cu 2,5-10	4xCu 2,5-16, 2xCu 2,5-10	1000 V	135 (Cu) / 120 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²)	75	36
1257008	VG03-0053	OJL 135	Blue	1xAl/Cu 2,5-35 / 1xAl/Cu 2,5-10	4xCu 2,5-16, 2xCu 2,5-10	1000 V	135 (Cu) / 120 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²)	75	36
1257009	VG03-0054	OJL 135	Green	1xAl/Cu 2,5-35 / 1xAl/Cu 2,5-10	4xCu 2,5-16, 2xCu 2,5-10	1000 V	135 (Cu) / 120 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²)	75	36
	VG03-0065	OJL 135 PA66	Grey	1xAl/Cu 2,5-35 / 1xAl/Cu 2,5-10	4xCu 2,5-16, 2xCu 2,5-10	1000 V	135 (Cu) / 120 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²)	75	36
	VG03-0066	OJL 135 PA66	Blue	1xAl/Cu 2,5-35 / 1xAl/Cu 2,5-10	4xCu 2,5-16, 2xCu 2,5-10	1000 V	135 (Cu) / 120 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²)	75	36
	VG03-0067	OJL 135 PA66	Green	1xAl/Cu 2,5-35 / 1xAl/Cu 2,5-10	4xCu 2,5-16, 2xCu 2,5-10	1000 V	135 (Cu) / 120 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²)	75	36

OJL 200

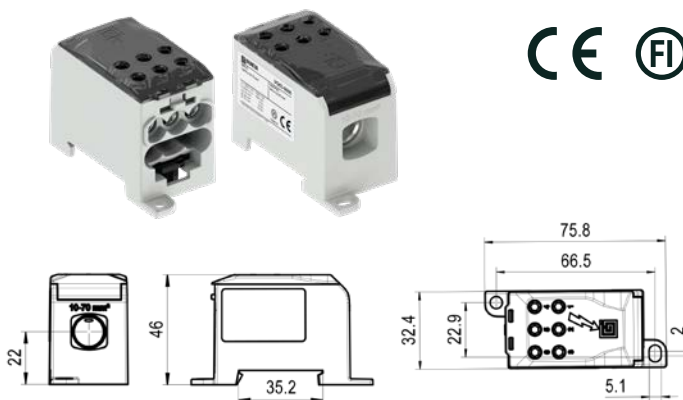


The single pole distribution block OJL 200 is suitable for branching connections. Distributes the current through 6 output cables.

Input wiring: 1xAl/Cu (10-70mm²)

Output wirings: 6xCu (2,5-16mm²)

The housing and cover is made of safe PA66 V-0 material in PA66 models. DIN-rail mounting or installation with screws.



EL-number	Product code	Product name	Color	Conductor - Input (mm ²)	Conductor - Output (mm ²)	Un (V)	In (A)	Tightening torque	Weight (g)	Package (pcs)
1256998	VG03-0006	OJL 200	●	1xAl/Cu 10-70	6xCu 2,5-16	1000 V AC / 1500 V DC	200 (Cu / 160 (Al))	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²)	84	30
	VG03-0031	OJL 200	●	1xAl/Cu 10-70	6xCu 2,5-16	1000 V AC / 1500 V DC	200 (Cu / 160 (Al))	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²)	84	30
	VG03-0032	OJL 200	●	1xAl/Cu 10-70	6xCu 2,5-16	1000 V AC / 1500 V DC	200 (Cu / 160 (Al))	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²)	84	30
	VG03-0078	OJL 200 PA66	●	1xAl/Cu 10-70	6xCu 2,5-16	1000 V AC / 1500 V DC	200 (Cu / 160 (Al))	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²)	84	30
	VG03-0079	OJL 200 PA66	●	1xAl/Cu 10-70	6xCu 2,5-16	1000 V AC / 1500 V DC	200 (Cu / 160 (Al))	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²)	84	30
	VG03-0080	OJL 200 PA66	●	1xAl/Cu 10-70	6xCu 2,5-16	1000 V AC / 1500 V DC	200 (Cu / 160 (Al))	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²)	84	30

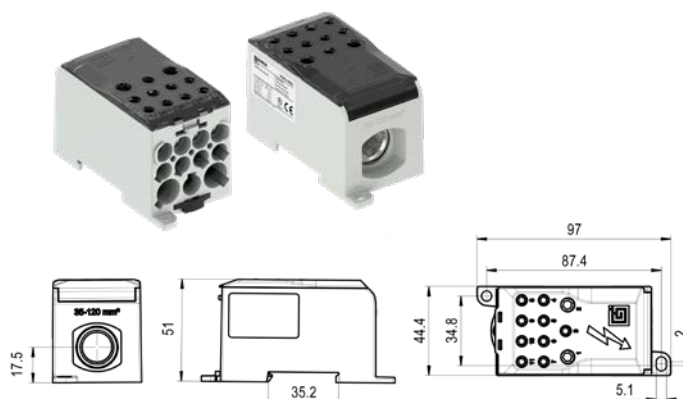
OJL 280

The single pole distribution block OJL 280 is suitable for branching connections. Distributes the current through 11 output cables.

Input wiring: 1xAl/Cu (35-120mm²)

Output wirings: 2xCu (6-35 mm²), 5xCu (2,5-16mm²) and 4xCu (2,5-10mm²)

The housing and cover is made of safe PA66 V-0 material in PA66 models. DIN-rail mounting or installation with screws.



EL-number	Product code	Product name	Color	Conductor - Input (mm ²)	Conductor - Output (mm ²)	Un (V)	In (A)	Tightening torque	Weight (g)	Package (pcs)
1256997	VG03-0003	OJL 280	●	1xAl/Cu 35-120	2xCu 6-35, 5xCu 2,5-16, 4xCu 2,5-10	1000 V AC / 1500 V DC	280 (Cu) / 250 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²), 19 Nm (95-120 mm ²)	178	12
1257003	VG03-0033	OJL 280	●	1xAl/Cu 35-120	2xCu 6-35, 5xCu 2,5-16, 4xCu 2,5-10	1000 V AC / 1500 V DC	280 (Cu) / 250 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²), 19 Nm (95-120 mm ²)	178	12
1257004	VG03-0034	OJL 280	●	1xAl/Cu 35-120	2xCu 6-35, 5xCu 2,5-16, 4xCu 2,5-10	1000 V AC / 1500 V DC	280 (Cu) / 250 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²), 19 Nm (95-120 mm ²)	178	12
NEW PRODUCTS										
	VG03-0081	OJL 280 PA66	●	1xAl/Cu 35-120	2xCu 6-35, 5xCu 2,5-16, 4xCu 2,5-10	1000 V AC / 1500 V DC	280 (Cu) / 250 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²), 19 Nm (95-120 mm ²)	178	12
	VG03-0082	OJL 280 PA66	●	1xAl/Cu 35-120	2xCu 6-35, 5xCu 2,5-16, 4xCu 2,5-10	1000 V AC / 1500 V DC	280 (Cu) / 250 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²), 19 Nm (95-120 mm ²)	178	12
	VG03-0083	OJL 280 PA66	●	1xAl/Cu 35-120	2xCu 6-35, 5xCu 2,5-16, 4xCu 2,5-10	1000 V AC / 1500 V DC	280 (Cu) / 250 (Al)	3 Nm (2,5-16 mm ²), 6 Nm (25-35 mm ²), 10 Nm (50-70 mm ²), 19 Nm (95-120 mm ²)	178	12

OJL 400



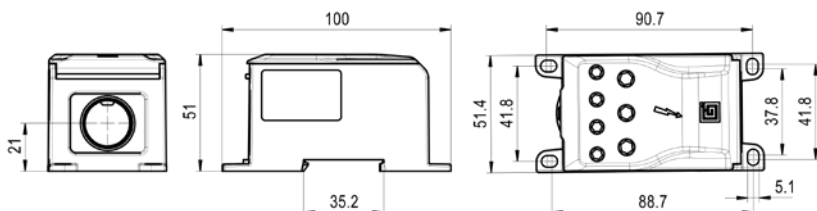
OJL 400 C and C S distribution blocks represent an input option for aluminium or copper cables with cross section range of 95-240mm². 400 C S model also includes an option for cover sealing. The single pole distribution block OJL 400 for branching connections. Distributes the current through 7 output cables.

Input wiring: 1xAl/Cu (95-240 mm²)

Output wirings: 3xCu (6-50 mm²) and 4xCu (2,5-35mm²)

The housing and cover is made of safe PA66 V-0 material in PA66 models.

DIN-rail mounting or installation with screws.



EL-nummer	Product code	Product name*	Color	Conductor - Input (mm ²)	Conductor - Output (mm ²)	Un (V)	In (A)	Tightening torque	Weight (g)	Package (pcs)
1256999	VG03-0007	OJL 400 C Grey	●	1xAl/Cu 95-240	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (2,5-35 mm ²), 10 Nm (50-70 mm ²), 25 Nm (95-240 mm ²)	250	8
1257005	VG03-0035	OJL 400 C Blue	●	1xAl/Cu 95-240	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (2,5-35 mm ²), 10 Nm (50-70 mm ²), 25 Nm (95-240 mm ²)	250	8
	VG03-0036	OJL 400 C Green	●	1xAl/Cu 95-240	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (2,5-35 mm ²), 10 Nm (50-70 mm ²), 25 Nm (95-240 mm ²)	250	8
	VG03-0008	OJL 400 C S		1xAl/Cu 95-240	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (2,5-35 mm ²), 10 Nm (50-70 mm ²), 25 Nm (95-240 mm ²)	250	8
NEW PRODUCTS										
PA66 models available										
	VG03-0084	OJL 400 C PA66 Grey	●	1xAl/Cu 95-240	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (2,5-35 mm ²), 10 Nm (50-70 mm ²), 25 Nm (95-240 mm ²)	250	8
	VG03-0085	OJL 400 C PA66 Blue	●	1xAl/Cu 95-240	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (2,5-35 mm ²), 10 Nm (50-70 mm ²), 25 Nm (95-240 mm ²)	250	8
	VG03-0086	OJL 400 C PA66 Green	●	1xAl/Cu 95-240	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (2,5-35 mm ²), 10 Nm (50-70 mm ²), 25 Nm (95-240 mm ²)	250	8
	VG03-0087	OJL 400 C S PA66 Grey	●	1xAl/Cu 95-240	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (2,5-35 mm ²), 10 Nm (50-70 mm ²), 25 Nm (95-240 mm ²)	250	8

*Clarification for model name: S = "Sealing" Model can be sealed

OJL 400 FBB



OJL 400 FBB and FBB S distribution blocks represent an option for using a flexible busbar as input. FBB S model also includes an option for cover sealing.

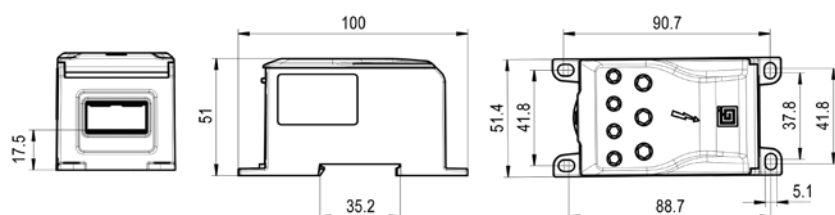
Distributes the current through 7 output cables.

Input busbar: Cu 10x(1×24)

Output wirings: 3xCu (6-50 mm²) and 4xCu (2,5-35mm²)

The housing and cover is made of safe PA66 V-0 material in PA66 models.

DIN-rail mounting or installation with screws.



EL-nummer	Product code	Product name*	Color	Conductor - Input (mm ²)	Conductor - Output (mm ²)	Un (V)	In (A)	Tightening torque	Weight (g)	Package (pcs)
1257000	VG03-0009	OJL 400 FBB Grey	Grey	Flexible busbar Cu 10x(1×24)	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (busbar), 6 Nm (2,5-35 mm ²), 10 Nm (6-50 mm ²)	247	8
1257006	VG03-0037	OJL 400 FBB Blue	Blue	Flexible busbar Cu 10x(1×24)	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (busbar), 6 Nm (2,5-35 mm ²), 10 Nm (6-50 mm ²)	247	8
	VG03-0038	OJL 400 FBB Green	Green	Flexible busbar Cu 10x(1×24)	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (busbar), 6 Nm (2,5-35 mm ²), 10 Nm (6-50 mm ²)	247	8
	VG03-0010	OJL 400 FBB S		Flexible busbar Cu 10x(1×24)	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (busbar), 6 Nm (2,5-35 mm ²), 10 Nm (6-50 mm ²)	247	8
	VG03-0088	OJL 400 FBB Grey	Grey	Flexible busbar Cu 10x(1×24)	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (busbar), 6 Nm (2,5-35 mm ²), 10 Nm (6-50 mm ²)	247	8
	VG03-0089	OJL 400 FBB Blue	Blue	Flexible busbar Cu 10x(1×24)	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (busbar), 6 Nm (2,5-35 mm ²), 10 Nm (6-50 mm ²)	247	8
	VG03-0090	OJL 400 FBB Green	Green	Flexible busbar Cu 10x(1×24)	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (busbar), 6 Nm (2,5-35 mm ²), 10 Nm (6-50 mm ²)	247	8
	VG03-0091	OJL 400 FBB S		Flexible busbar Cu 10x(1×24)	4xCu 2,5-35, 3xCu 6-50	1000 V AC / 1500 V DC	600 (Cu) / 380 (Al)	6 Nm (busbar), 6 Nm (2,5-35 mm ²), 10 Nm (6-50 mm ²)	247	8

*Clarification for model name: S = "Sealing" Model can be sealed

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