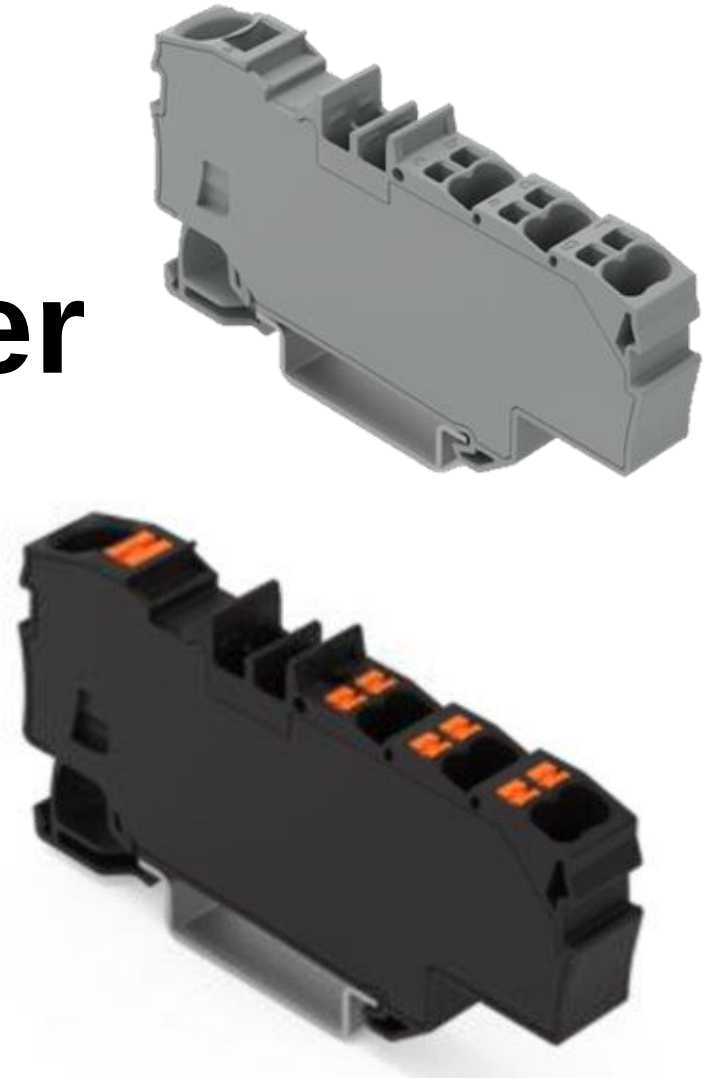




WAGO TOPJOB® S Power Distribution Terminal Blocks

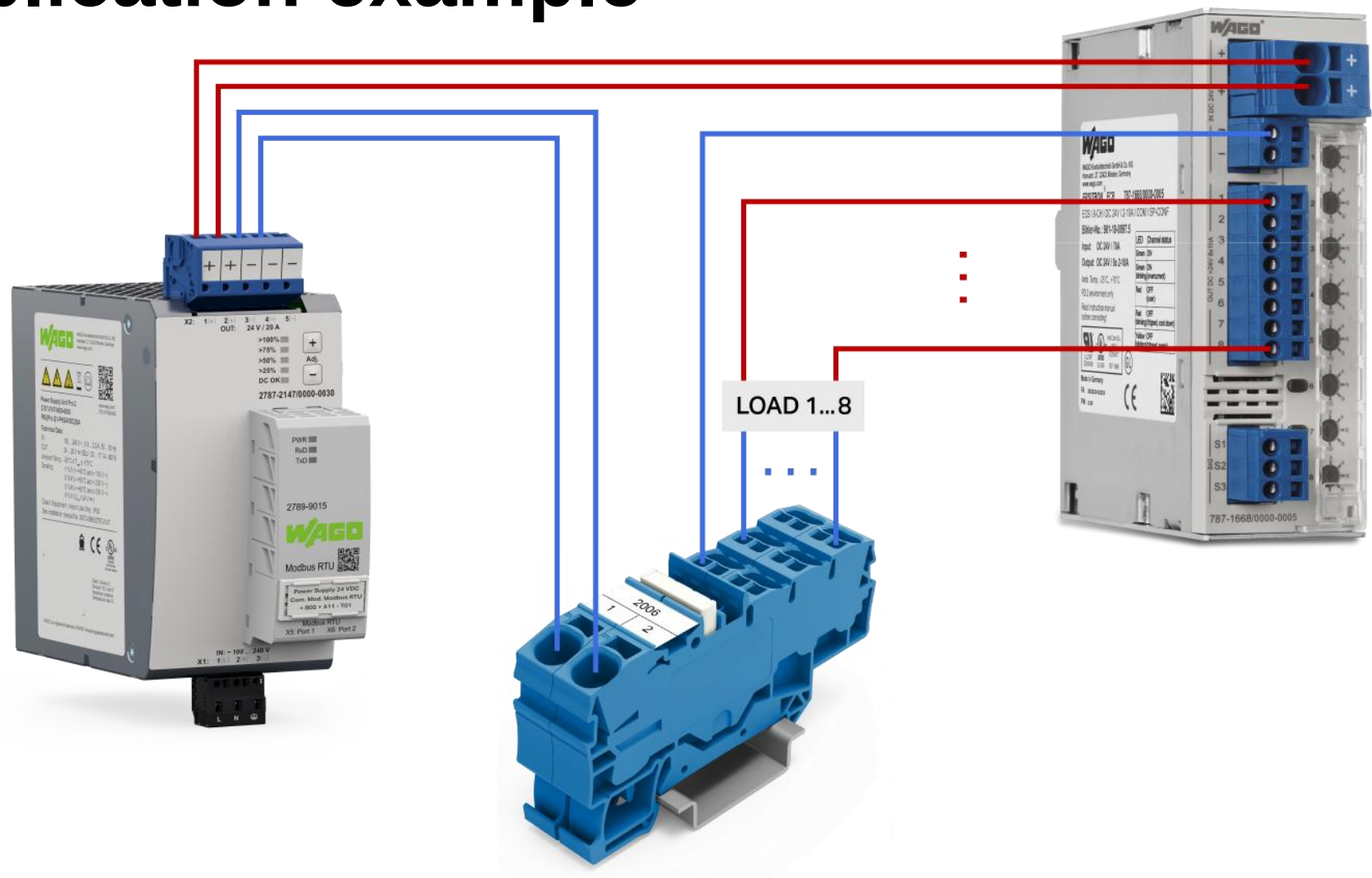
Push-Button & Open-Tool Slot

Internal Product Presentation



Product Roll-out – 2006 & 2206 Series PDBs
US Marketing Release September 2022

Application example



Industries & Applications

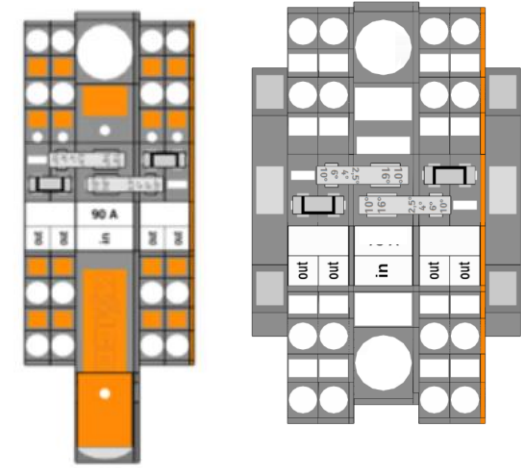
- Potential distribution for all industries
 - in conjunction with power supplies
 - in conjunction with ECBs
 - for distributing the N potential
- Building Automation installations and HVAC equipment manufacturing
- Electrical installation in railway applications

Objective

Potential distribution becomes more critical and we have to close the gap in our portfolio.

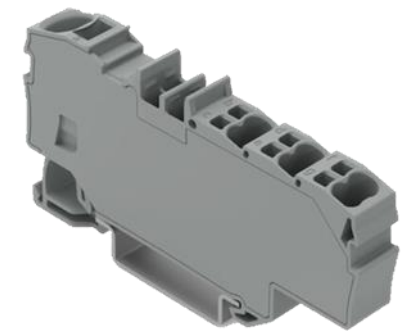
Important for the customer:

- Only few parts – even better only one part
- The product has to be clearly structured and easy to understand
- It should require as little space on the DIN rail as possible
- The clamping points have to be individually adressable



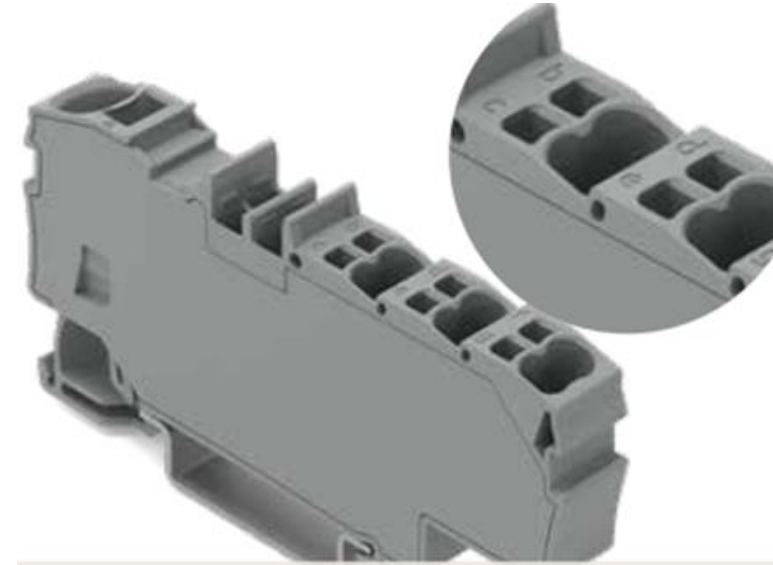
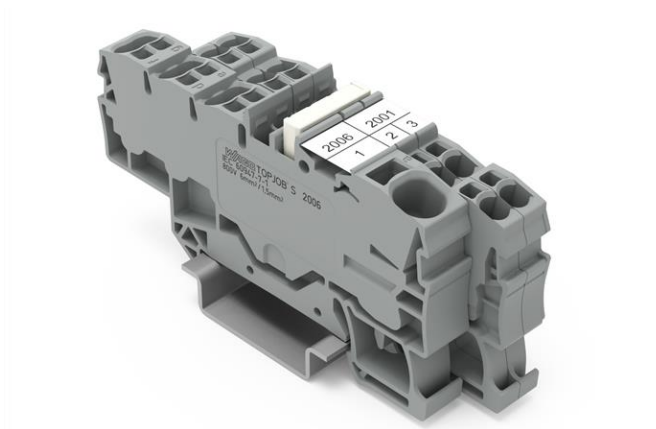
technically OK

Much easier
+ smaller !

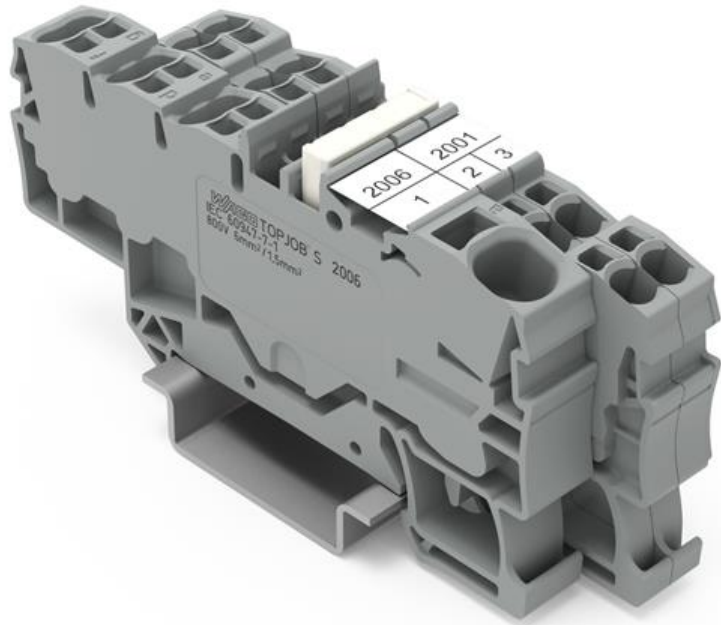


Advantages

- Very compact design → only 9mm wide or 3/8 inches
- Potential distribution of up to **41 A and 800 V**
- Marking of clamping points is compatible with CAE-systems
- Can be combined with terminal blocks TOPJOB® S series 2001 and the accessories (jumper, marking strip and more)
- Input and distribution side are clearly separated
- Multiple color options offer design flexible and intuitive field identification
 - RED BLUE BLACK GREY

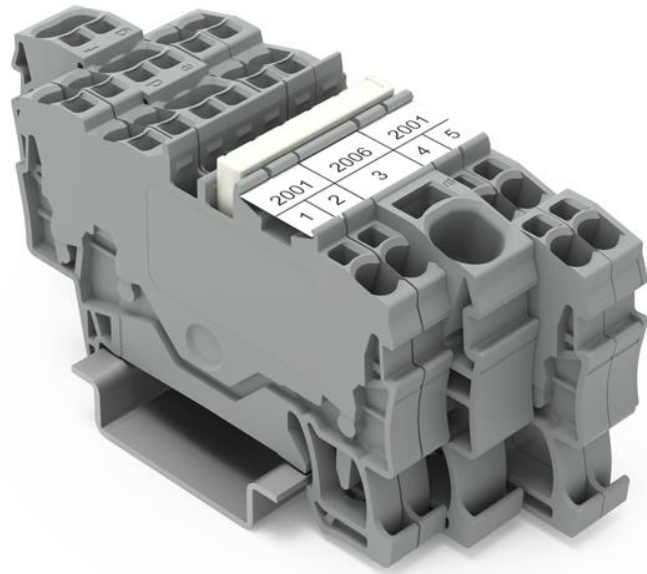


Jumper options



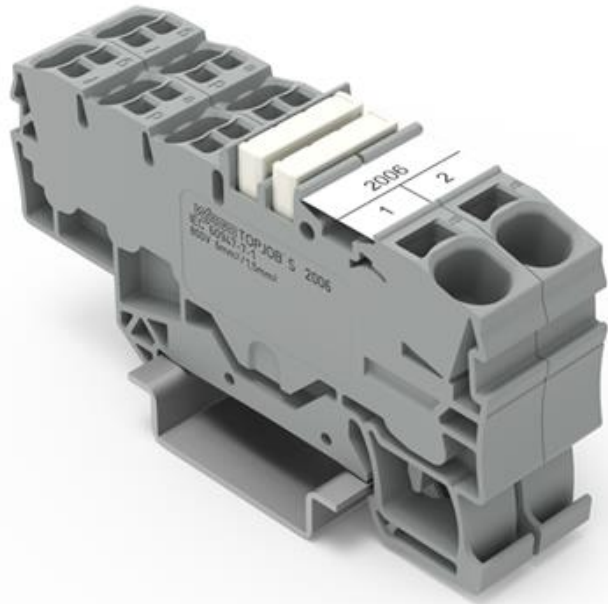
- 8 additional outputs:
- 2 x 2001-1401
- 1 x 2001-404
- 57 A supply
- Jumper Series 2001 can transfer 18 A to the two terminal blocks next to the 2006-8031

Jumper options



- 14 additional outputs:
- 2 x 2001-1401
- 2 x 2001-1301
(2001-1401 can not be used on the left side of the distribution t.b. !)
- 1 x 2001-406
- 57 A supply
- 18 A to the terminal blocks on the left
- 18 A to the terminal blocks on the right

Jumper Options



- Supply 57 A
- Jumper Series 2001 can carry 18 A
- ➔ 2 x 18 A adjacent terminal block

Technical Data

Cross section: Supply

■ AWG	max. 8
■ Solid	0,5 ... 10 mm ²
■ Flexible	0,5 ... 10 mm ²
■ Flexible with ferrule	0,5 ... 6 mm ²

6 outputs:

■ AWG	max. 14
■ Solid	0,25 ... 2,5 mm ²
■ Flexible	0,25 ... 2,5 mm ²
■ Flexible with ferrule	0,25 ... 1,5 mm ²

Rated voltage:	800 V [IEC]	600 V [UL]
Rated impulse voltage:	8 kV	
Rated current:	41 A	30 A

Drawing

8

7

6

5

4

3

2

1

Technische Daten / Technical Data				
Bemessungsdaten gemäss / Ratings per		IEC 60947-7-1	UL / CSA	EN (Ex eb)
Bemessungsspannung (III/3) / Rated voltage (III/3)		800 V	-	-
Bemessungsstossspannung (III/3) / Rated surge voltage (III/3)		8 kV	-	-
Bemessungsstrom / Rated current		41 A	-	-
Bemessungsspannung / Rated voltage		-	-	-
Nennstrom / Nominal current		-	-	-
Nennstrom mit Bruecker / Nominal current with jumper		-	-	-
Bemessungsstrom 2 / Rated current 2		57 A	-	-
Nennquerschnitt Eingang / Nominal cross section input		6 mm ²		
Nennquerschnitt Ausgang / Nominal cross section output		1,5 mm ²		
Anschlussdaten / Connection Data				
Anschluss technik / Connection technology		PUSH-IN CAGE CLAMP		
Eindraehtiger Leiter Eingang / Solid conductor input		0,5...10 mm ²	20...8 AWG	-
Eindraehtiger Leiter Ausgang / Solid conductor output		0,25...2,5 mm ²	22...14 AWG	-
Eindraehtiger Leiter, direkt steckbar Eingang / Solid conductor, push-in termination input		1...10 mm ²	14...8 AWG	-
Eindraehtiger Leiter, direkt steckbar Ausgang / Solid conductor, push-in termination output		0,5...2,5 mm ²	20...14 AWG	-
Feindraehtiger Leiter Eingang / Fine-stranded conductor input		0,5...10 mm ²	20...8 AWG	-
Feindraehtiger Leiter Ausgang / Fine-stranded conductor output		0,25...2,5 mm ²	22...14 AWG	-

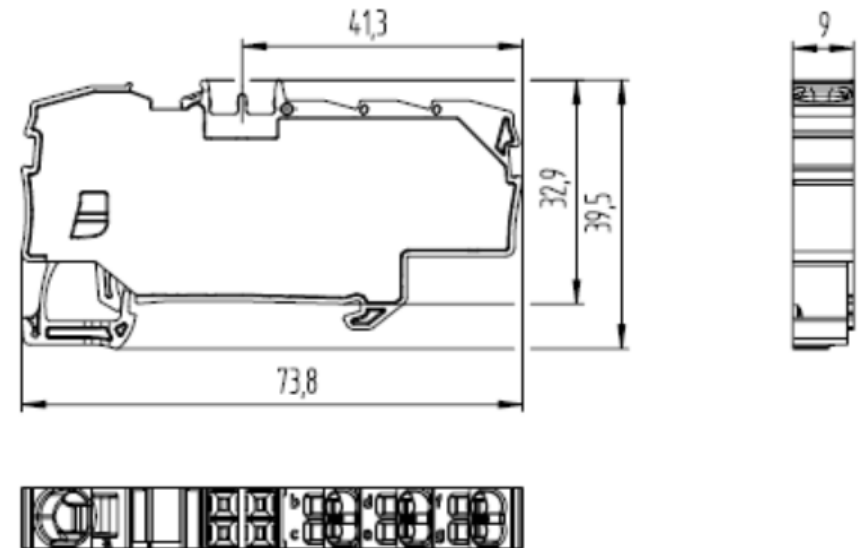
Technical drawing of a terminal block showing top, side, and end views with dimensions.

Top view dimensions: 73,8 (width), 41,3 (length of terminal area).

Side view dimensions: 32,9 (height of terminal area), 39,5 (total height).

End view dimension: 9 (width of terminal area).

Cross-section diagram of the terminal block showing internal wiring and insulation.



Certificates – CSA

Cat. No.	Voltage [V]	Group	Wire Range Input / Output [AWG]	Current Input / Output [A]	Strip length Input / Output [mm]	Remarks
2006-8031 to 8036 and 8039	600	B, C	20-8 / 22-14	50 / 15	13-15 / 9-11	Distribution terminal block Current value per terminal



Cat. No.	Voltage [V]	Group	Wire Range Input / Output [AWG]	Current Input / Output [A]	Strip length Input / Output [mm]	Remarks
2206-8031 to 8036 and 8039	600	B, C	20-8 / 22-14	50 / 15	13-15 / 9-11	Distribution terminal block Current value per terminal



Certificates – UL



	Wire Range	Wire Type	FW	TQ Lb In.	V	A	UG	CA
2006-8031 through 2006-8036; 2006-8039; 2006-8031/0000-0053 and 2006-8031/0000-00xx (3)	Wire Range Input: 20-8 STR Wire Range Output: 22-14 STR	Cu	2	N/A	600	50	B, C	2(115), 4
2006-8031 through 2006-8036; 2006-8039; 2006-8031/0000-0053 and 2006-8031/0000-00xx (3)	Wire Range Input: 20-10 SOL Wire Range Output: 22-14 SOL	Cu	2	N/A	600	30	B, C	2(115), 4
	Wire Range	Wire Type	FW	TQ Lb In.	V	A	UG	CA
2206-8031 through 2206-8036; 2206-8039; 2206-8031/0000-0053; 2206-8031/0000-00xx (26)	Wire Range Input: 20-8 STR Wire Range Output: 22-14 STR	Cu	2	N/A	600	50	B, C	2(115), 4
2206-8031 through 2206-8036; 2206-8039; 2206-8031/0000-0053; 2206-8031/0000-00xx (26)	Wire Range Input: 20-10 SOL Wire Range Output: 22-14 SOL	Cu	2	N/A	600	30	B, C	2(115), 4

Smart Designer, CAD- and CAE-Data

Type	Available Dec 21
Smart Designer	✓
CAD	In progress
EPLAN	In progress
WS CAD	In progress
Zuken E3	In progress
eCl@ss basic	In progress
eCl@ss advanced	In progress

Stand: 8.12.2021

WAGO