



GIV standard

Building installation distributor for standard installation according to DIN 43870

Overview GIV standard

We develop and produce high-quality building installation distributors at favorable prices.

The installation distributor system *GIV standard* can be used for all areas of energy distribution up to 850A in administrative buildings as well as in functional, commercial and industrial buildings.

The GIV standard system complies with any requirements for modern electrical installations. High-quality extension and wiring components complete the system for different extension options.

Your benefits at a glance

- Standardized interior and exterior dimensions, mounting parts and C-shaped exchangeable profiles for expansion kits of different manufacturers
- Appropriate and tailor-made distributor solutions due to different cubicle widths and installation heights
- Optimum space utilization due to an installation height of 2,200mm and thus lower space requirement in control room
- Designed for single and row arrangement
- High-quality processing
- High stability due to stable 1.5mm sheet steel design
- IT system transformers can be installed in the cabinet
- Short delivery times due to combinable system components
- Personal protection as per BGV A3



System characteristics

- Housing and doors made of 1.5 mm sheet steel
- Protection class 1 (grounded)
- Degree of protection IP30, up to IP54 available as special design
- Coat of paint RAL 7035 (light gray), RAL special colors available
- Cabinet depth 250mm or 400mm
- Cabinet height 1,900mm / 2,200 mm (without base)
- 1-3 cubicle width cabinets, single door
- 4-5 cubicle width cabinets, double door
- Rated current 850A
- Left-hand or right-hand hinged door
- Door opening angle: 180° in case of row arrangement, 135° in case of double doors
- Doors with bar lock
- Standard lock: double bit 3mm
- Provided with flange openings at the top and at the bottom
- 1 flange per cubicle width, flanges are part of the scope of delivery
- In case of row arrangements, any ducts and flange openings are designed according to the project
- Switch rack for project-related and individual removal
- Variable mounting depth of the switch rack
- Extended connection space

Product image of GIV standard



Similar product image

Technical data *GIV standard*

Rated voltages	690V
Rated insulation voltage U_i	690V
Rated impulse withstand voltage U_{imp}	6kV
Overvoltage category	III
Pollution degree	3
Rated currents	
Rated current	up to 850A ¹⁾
Rated impulse withstand current I_{pk}	up to 60 kA 3-pin, current flow time 30ms
Rated short-time withstand current I_{cw}	up to 20 kA, current flow time 1s
Design according to	DIN EN 61439-1/-2/-3, VDE0660-600-1/-2/-3, DIN VDE 0603-1
Protection	
Degree of protection according to DIN EN 60529	IP30 without door, IP41 with door, up to IP54 with door available as special design
Protection class	1 (grounded)
Surface protection	
Frame parts	galvanized steel strip
Case	coat of paint RAL 7035, RAL special colors available
Further parameters	
Number of conductors in busbar run	4/ 5
Clearance and creepage distances	DIN VDE 0110-5
DIN rail row space per DIN rail	150mm / 125mm
Ambient temperature	35°C (24-h-mean value)
Relative humidity	50% at 40°C Housing
Case	sheet steel
Locking	rod locking with 3mm double bit/ swivel lever
Doors	up to 3 cubicle width with door, as of 4 cubicle width with double door, optional without door
Door opening angle	180° in case of row arrangement, 135° in case of double doors
Interior fitting	according to DIN 43870

¹⁾ Proof according to VDE 0660-500 depending on controlgear assembly required.

Cabinet dimensions *GIV standard*

Distributor cabinet

Height in mm	Width in mm	Depth in mm	Type description			
			Version with door (IP41)	Version without door (IP30)	Base in mm (Standard)	Base in mm (with ventilation slot)
1900 (2000 with base)	350	250	GIV - 1/1900 - 250-1	GIV - 1/1900 - 250-0	S01 100-250	SB1 100-250
	600		GIV - 2/1900 - 250-1	GIV - 2/1900 - 250-0	S02 100-250	SB2 100-250
	850		GIV - 3/1900 - 250-1	GIV - 3/1900 - 250-0	S03 100-250	SB3 100-250
	1100		GIV - 4/1900 - 250-1	GIV - 4/1900 - 250-0	S04 100-250	SB4 100-250
	1350		GIV - 5/1900 - 250-1	GIV - 5/1900 - 250-0	S05 100-250	SB5 100-250
1900 (2000 with base)	350	400	GIV - 1/1900 - 400-1	GIV - 1/1900 - 400-0	S01 100-400	SB1 100-400
	600		GIV - 2/1900 - 400-1	GIV - 2/1900 - 400-0	S02 100-400	SB2 100-400
	850		GIV - 3/1900 - 400-1	GIV - 3/1900 - 400-0	S03 100-400	SB3 100-400
	1100		GIV - 4/1900 - 400-1	GIV - 4/1900 - 400-0	S04 100-400	SB4 100-400
	1350		GIV - 5/1900 - 250-1	GIV - 5/1900 - 250-0	S05 100-250	SB5 100-250
2200 (2300 with base)	350	250	GIV - 1/2200 - 250-1	GIV - 1/2200 - 250-0	S01 100-250	SB1 100-250
	600		GIV - 2/2200 - 250-1	GIV - 2/2200 - 250-0	S02 100-250	SB2 100-250
	850		GIV - 3/2200 - 250-1	GIV - 3/2200 - 250-0	S03 100-250	SB3 100-250
	1100		GIV - 4/2200 - 250-1	GIV - 4/2200 - 250-0	S04 100-250	SB4 100-250
	1320		GIV - 5/2200 - 250-1	GIV - 5/2200 - 250-0	S05 100-250	SB5 100-250
2200 (2300 with base)	350	400	GIV - 1/2200 - 400-1	GIV - 1/2200 - 400-0	S01 100-400	SB1 100-400
	600		GIV - 2/2200 - 400-1	GIV - 2/2200 - 400-0	S02 100-400	SB2 100-400
	850		GIV - 3/2200 - 400-1	GIV - 3/2200 - 400-0	S03 100-400	SB3 100-400
	1100		GIV - 4/2200 - 400-1	GIV - 4/2200 - 400-0	S04 100-400	SB4 100-400
	1320		GIV - 5/2200 - 400-1	GIV - 5/2200 - 400-0	S05 100-400	SB5 100-400
2650 (2750 with base)	350	250	GIV - 1/2200 - 250-1	GIV - 1/2200 - 250-0	S01 100-250	SB1 100-250
	600		GIV - 2/2200 - 250-1	GIV - 2/2200 - 250-0	S02 100-250	SB2 100-250
	850		GIV - 3/2200 - 250-1	GIV - 3/2200 - 250-0	S03 100-250	SB3 100-250
	1100		GIV - 4/2200 - 250-1	GIV - 4/2200 - 250-0	S04 100-250	SB4 100-250
	Special widths 500 / 800		GIV - S/2650 - 250-1	GIV - S/2650 - 250-0	S0S 100-250	SBS 100-250
2650 (2750 with base)	350	400	GIV - 1/2200 - 400-1	GIV - 1/2200 - 400-0	S01 100-400	SB1 100-400
	600		GIV - 2/2200 - 400-1	GIV - 2/2200 - 400-0	S02 100-400	SB2 100-400
	850		GIV - 3/2200 - 400-1	GIV - 3/2200 - 400-0	S03 100-400	SB3 100-400
	1100		GIV - 4/2200 - 400-1	GIV - 4/2200 - 400-0	S04 100-400	SB4 100-400
	Special widths 500 / 800		GIV - S/2650 - 400-1	GIV - S/2650 - 400-0	S0S 100-400	SBS 100-400

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ESA Elektroschaltanlagen Grimma GmbH reserves the right to make changes due to technical progress. Image source: ESA Elektroschaltanlagen Grimma GmbH

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