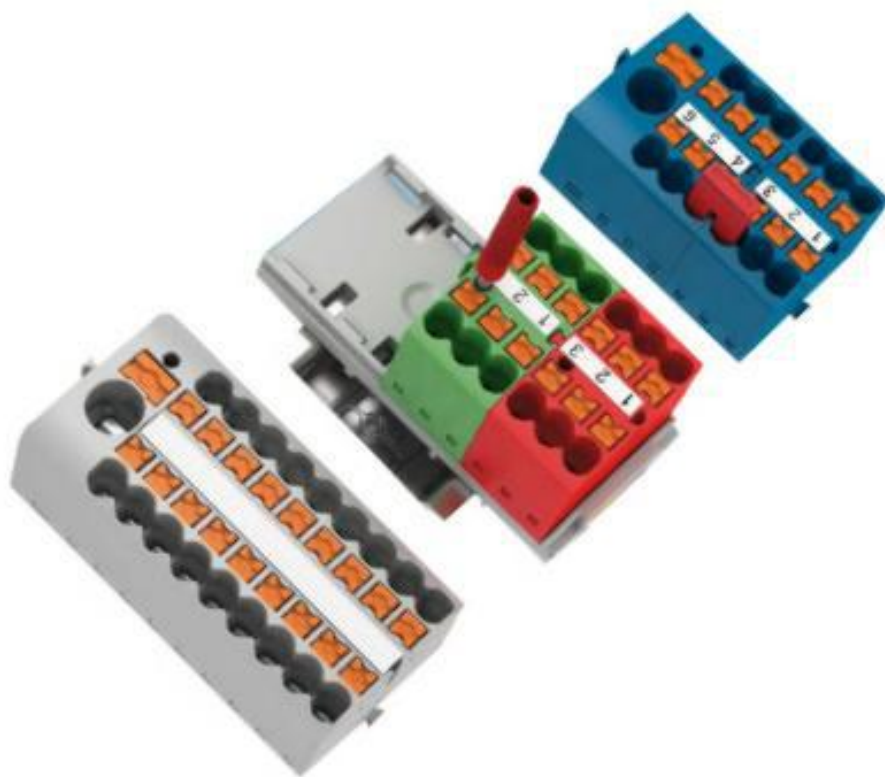


GKONCY ELECTRIC

广奇电气

GZ Power Distribution Module Series



ELECTRICAL
CONNECTION SOLUTION SUPPLIER
电气连接解决方案供应商





Modular design eliminates the need of manual bridging; fast mounting saves time.



The connection mode reduces insertion force and facilitates direct insertion of rigid and multi-conductor cables.



The power distribution module has 6, 12 or 18 terminals and 11 colors, so it is convenient for mounting.



The power distribution module can be mounted onto the guide rail vertically or horizontally.



The power distribution module can be mounted onto the upper part of the TH35-A guide rail.



The power distribution module can be mounted onto the upper part of the TH15-A guide rail.



Equipped with an adapter or flange for housing terminal assembly



The clamping installation accessories can be used for mounting onto the guide rail.



The power distribution modules can be connected in series or with two-position plug-in bridgeware.



Equipped with the conversion bridgeware for connecting terminals with different connection capacities



The product may be equipped with a test terminal and a connection designation strip.

Power Distribution Module



GZ-4/...X1.5-TH15-A

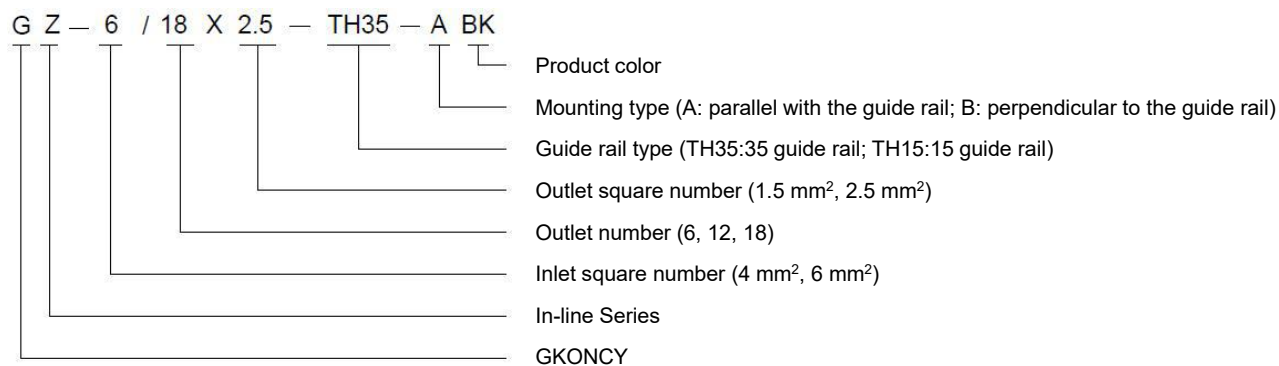


GZ-6/...X2.5-TH15-A



GZ-4/...X1.5-TH15-B

Order specifications for GZ product series with input terminal:



Examples: 1. GZ-6/18X2.5 VT represents the available input terminal, one 6 mm² inlet, eighteen 2.5 mm² outlets and purple terminal cap.

2. GZ-6/18X2.5-TH35-A GN represents the available input terminal, one 6 mm² inlet, eighteen 2.5 mm² outlets, green terminal cap and GZ-ZJ-A guide rail adapter.



GZ-...X1.5-TH15-A

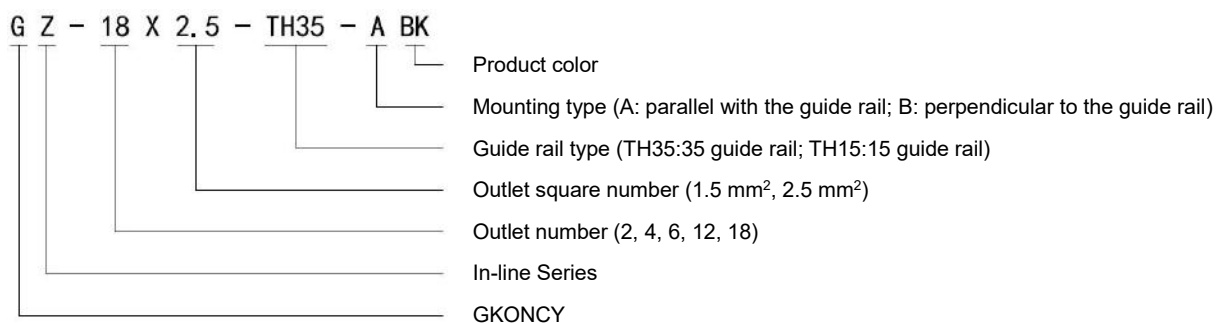


GZ-...X2.5-TH35-A



GZ-...X1.5-TH35-B

Order specifications for GZ product series without input terminal:

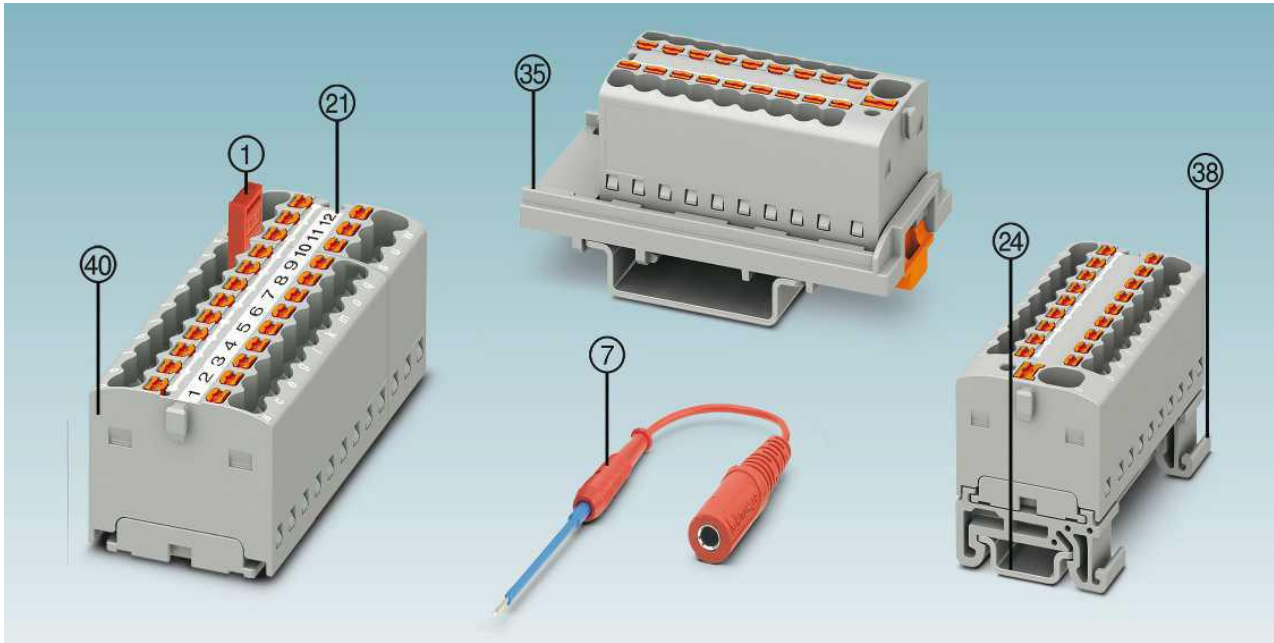


Examples: 1. GZ-18X2.5 VT represents no input terminal, eighteen 2.5 mm² connection hole and purple terminal cap.

2. GZ-18X2.5-TH35-A GN represents no input terminal, eighteen 2.5 mm² connection holes, green terminal cap and GZ-ZJ-A guide rail adapter.



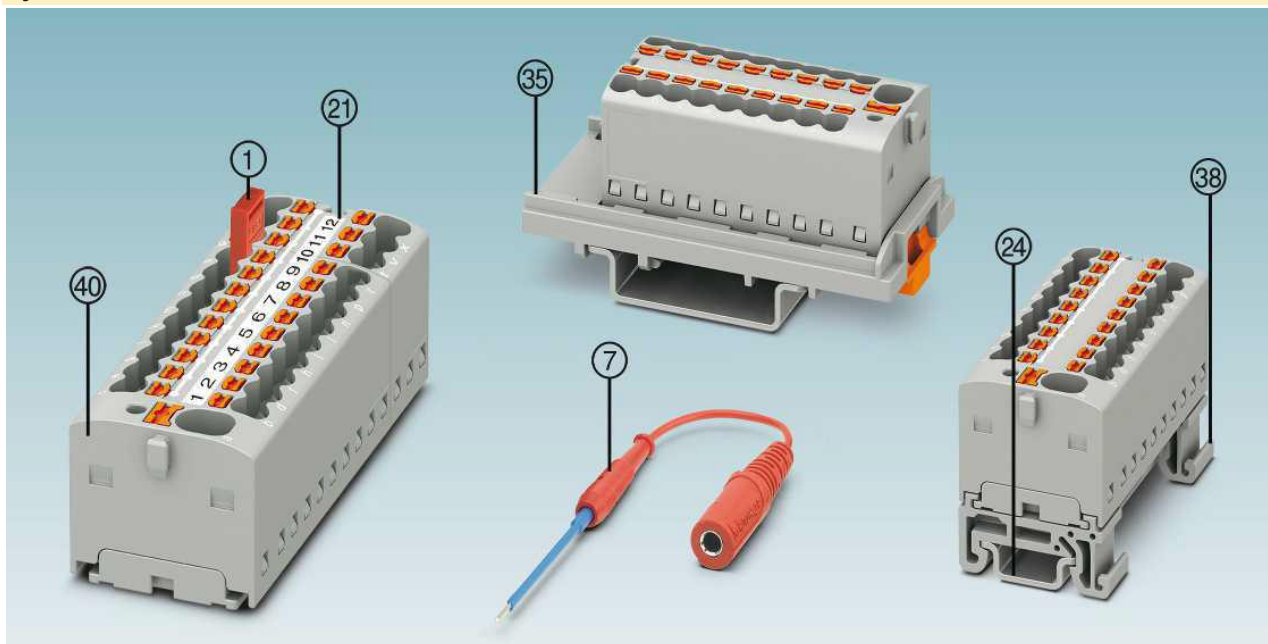
System Accessories



Description	Position No.	Color	Type	Part Number	Number of units/package quantity	Type	Part Number	Number of units/package quantity
① Jumper ¹⁾	2	Red	FBS 2-4	5130116	50			
⑦ Test adapter, 4-mm test socket aperture			MPS-MT 1-S4-B RD	93120869	50			
⑤ TH35 or TH15 guide rail adapter for vertical mounting			GZ-1.5-ZJ-B	9311136	30			
⑤ TH15 guide rail adapter for horizontal mounting			GZ-1.5-ZJ-A-15	9311134	30			
TH15 guide rail adapter with terminal fastener for horizontal mounting			GZ-1.5-ZJ-15-A-FIX	93120874	30			
④ Mounting flange		Grey	GZ-1.5-F	93120500	30			
Screwdriver			SZF 0-0.4X2.5	0204504	10			
② Marking slot in the center of tag								
② TH15 guide rail and terminal fastener								

Power Distribution Module

System Accessories



Description	Position No.	Color	Type	Part Number	Number of units/package quantity	Type	Part Number	Number of units/package quantity
① Jumper ¹⁾	2	Red	FBS 2-4	5130116	50			
⑦ Test adapter, 4- mm test socket aperture			MPS-MT 1-S4-B RD	93120869	50			
⑤ TH35 or TH15 guide rail adapter for vertical mounting			GZ-1.5-ZJ-B	9311136	30			
⑧ TH15 guide rail adapter for horizontal mounting			GZ-1.5-ZJ-A-15	9311134	30			
TH15 guide rail adapter with terminal fastener for horizontal mounting			GZ-1.5-ZJ-15-A-FIX	93120874	30			
④ Mounting flange		Grey	GZ-1.5-F	93120500	30			
Screwdriver			SZF 0-0.4X2.5	0204504	10			
② Marking slot in the center of tag								
④ TH15 guide rail and terminal fastener								



Power Distribution Module



GZ-2X1.5



GZ-4X1.5



GZ-6X1.5

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)	IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)	IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2					60998-2					60998-2				
Input	/	/	/	/	Input	/	/	/	/	Input	/	/	/	/
Output	0.14-2.5	0.14-1.5	17.5	450	Output	0.14-2.5	0.14-1.5	17.5	450	Output	0.14-2.5	0.14-1.5	17.5	450

Description	Color	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
	Grey	GZ-2X1.5	9312034	50	GZ-4X1.5	9312035	30	GZ-6X1.5	9312036	20
	Blue	GZ-2X1.5 BU	9312039	50	GZ-4X1.5 BU	9312040	30	GZ-6X1.5 BU	9312041	20
	Red	GZ-2X1.5 RD	9312044	50	GZ-4X1.5 RD	9312045	30	GZ-6X1.5 RD	9312046	20
	Yellow	GZ-2X1.5 YE	9312049	50	GZ-4X1.5 YE	9312050	30	GZ-6X1.5 YE	9312051	20
	Green	GZ-2X1.5 GN	9312054	50	GZ-4X1.5 GN	9312055	30	GZ-6X1.5 GN	9312056	20
	Brown	GZ-2X1.5 BN	9312059	50	GZ-4X1.5 BN	9312060	30	GZ-6X1.5 BN	9312061	20
	White	GZ-2X1.5 WH	9312064	50	GZ-4X1.5 WH	9312065	30	GZ-6X1.5 WH	9312066	20
	Black	GZ-2X1.5 BK	9312069	50	GZ-4X1.5 BK	9312070	30	GZ-6X1.5 BK	9312071	20
	Purple	GZ-2X1.5 VT	9312074	50	GZ-4X1.5 VT	9312075	30	GZ-6X1.5 VT	9312076	20
	Pink	GZ-2X1.5 PK	9312079	50	GZ-4X1.5 PK	9312080	30	GZ-6X1.5 PK	9312081	20
	Orange	GZ-2X1.5 OG	9312084	50	GZ-4X1.5 OG	9312085	30	GZ-6X1.5 OG	9312086	20
	Black / yellow	GZ-2X1.5 FE	9312089	50	GZ-4X1.5 FE	9312090	30	GZ-6X1.5 FE	9312091	20
Accessories		For accessories, see Pages 3 and 4.			For accessories, see Pages 3 and 4.			For accessories, see Pages 3 and 4.		
Guide rail adapter		For accessories, see Page 13.			For accessories, see Page 13.			For accessories, see Page 13.		
Number of terminal points	2				4			6		
Screwdriver	SZF 0-0.4X2.5	0204504	10		SZF 0-0.4X2.5	0204504	10	SZF 0-0.4X2.5	0204504	10
Power distribution module dimensions										
Thickness / length / height mm		4.2/21.6/17.7			8.6/21.6/17.7			12.8/21.6/17.7		
Connection (directly pluggable)										
Rigid mm ²		0.14-2.5			0.14-2.5			0.14-2.5		
Stranded wire with tubular bare terminal or tubular insulated terminal mm ²		0.14-1.5			0.14-1.5			0.14-1.5		
Stripping length mm		8-10			8-10			8-10		
Insulation material		PA			PA			PA		
Grading per UL 94		V0			V0			V0		



Power Distribution Module



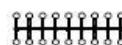
GZ-12X1.5



GZ-18X1.5

IEC	Rigid solid	Flexible multi-conductor	I	Ui	IEC	Rigid solid	Flexible multi-conductor	I	Ui
IEC	(mm ²)	(mm ²)	(A)	(V)	IEC	(mm ²)	(mm ²)	(A)	(V)
60998-2					60998-2				
Input	/	/	/	/	Input	/	/	/	/
Output	0.14-2.5	0.14-1.5	17.5	450	Output	0.14-2.5	0.14-1.5	17.5	450

Description	Color	Type	Part Number	Package quantity	Type	Part Number	Package quantity
	Grey	GZ-12X1.5	9312037	20	GZ-18X1.5	9312038	20
	Blue	GZ-12X1.5 BU	9312042	20	GZ-18X1.5 BU	9312043	20
	Red	GZ-12X1.5 RD	9312047	20	GZ-18X1.5 RD	9312048	20
	Yellow	GZ-12X1.5 YE	9312052	20	GZ-18X1.5 YE	9312053	20
	Green	GZ-12X1.5 GN	9312057	20	GZ-18X1.5 GN	9312058	20
	Brown	GZ-12X1.5 BN	9312062	20	GZ-18X1.5 BN	9312063	20
	White	GZ-12X1.5 WH	9312067	20	GZ-18X1.5 WH	9312068	20
	Black	GZ-12X1.5 BK	9312072	20	GZ-18X1.5 BK	9312073	20
	Purple	GZ-12X1.5 VT	9312077	20	GZ-18X1.5 VT	9312078	20
	Pink	GZ-12X1.5 PK	9312082	20	GZ-18X1.5 PK	9312083	20
	Orange	GZ-12X1.5 OG	9312087	20	GZ-18X1.5 OG	9312088	20
	Black / yellow	GZ-12X1.5 FE	9312092	20	GZ-18X1.5 FE	9312093	20
Accessories		For accessories, see Pages 3 and 4.			For accessories, see Pages 3 and 4.		
Guide rail adapter		For accessories, see Page 13.			For accessories, see Page 13.		
Number of terminal points		12			18		
Screwdriver		SZF 0-0.4X2.5	0204504	10	SZF 0-0.4X2.5	0204504	10
Power distribution module dimensions							
Thickness / length / height	mm	25.4/21.6/17.7			38/21.6/17.7		
Connection (directly pluggable)							
Rigid	mm ²	0.14-2.5			0.14-2.5		
Stranded wire with tubular bare terminal or tubular insulated terminal	mm ²	0.14-1.5			0.14-1.5		
Stripping length	mm	8-10			8-10		
Insulation material		PA			PA		
Grading per UL 94		V0			V0		





Power Distribution Module



GZ-4/6X1.5



GZ-4/12X1.5



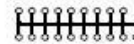
GZ-4/18X1.5

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2				
Input	0.5-6	0.5-4	32	450
Output	0.14-2.5	0.14-1.5	17.5	450

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2				
Input	0.5-6	0.5-4	32	450
Output	0.14-2.5	0.14-1.5	17.5	450

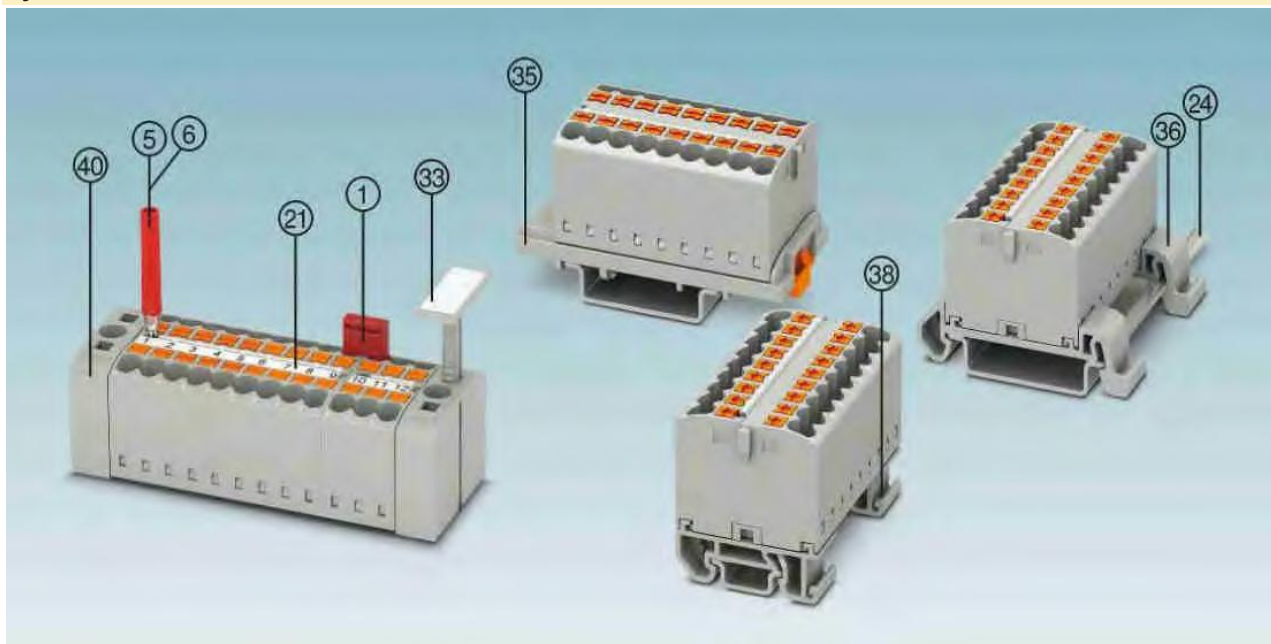
IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2				
Input	0.5-6	0.5-4	32	450
Output	0.14-2.5	0.14-1.5	17.5	450

Description	Color	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
	Grey	GZ-4/6X1.5	93120001	10	GZ-4/12X1.5	93120002	8	GZ-4/18X1.5	93120003	8
	Blue	GZ-4/6X1.5 BU	93120004	10	GZ-4/12X1.5 BU	93120005	8	GZ-4/18X1.5 BU	93120006	8
	Red	GZ-4/6X1.5 RD	93120007	10	GZ-4/12X1.5 RD	93120008	8	GZ-4/18X1.5 RD	93120009	8
	Yellow	GZ-4/6X1.5 YE	93120010	10	GZ-4/12X1.5 YE	93120011	8	GZ-4/18X1.5 YE	93120012	8
	Green	GZ-4/6X1.5 GN	93120013	10	GZ-4/12X1.5 GN	93120014	8	GZ-4/18X1.5 GN	93120015	8
	Brown	GZ-4/6X1.5 BN	93120016	10	GZ-4/12X1.5 BN	93120017	8	GZ-4/18X1.5 BN	93120018	8
	White	GZ-4/6X1.5 WH	93120019	10	GZ-4/12X1.5 WH	93120020	8	GZ-4/18X1.5 WH	93120021	8
	Black	GZ-4/6X1.5 BK	93120022	10	GZ-4/12X1.5 BK	93120023	8	GZ-4/18X1.5 BK	93120024	8
	Purple	GZ-4/6X1.5 VT	93120025	10	GZ-4/12X1.5 VT	93120026	8	GZ-4/18X1.5 VT	93120027	8
	Pink	GZ-4/6X1.5 PK	93140000	10	GZ-4/12X1.5 PK	93140001	8	GZ-4/18X1.5 PK	93140002	8
	Orange	GZ-4/6X1.5 OG	93120028	10	GZ-4/12X1.5 OG	93120029	8	GZ-4/18X1.5 OG	93120030	8
	Black / yellow	GZ-4/6X1.5 FE	93120031	10	GZ-4/12X1.5 FE	93120032	8	GZ-4/18X1.5 FE	93120033	8
Accessories		For accessories, see Pages 3 and 4.			For accessories, see Pages 3 and 4.			For accessories, see Pages 3 and 4.		
Guide rail adapter		For accessories, see Page 13.			For accessories, see Page 13.			For accessories, see Page 13.		
Number of terminal points		7			13			19		
Screwdriver		SZF 0-0.4X2.5	0204504	10	SZF 0-0.4X2.5	0204504	10	SZF 0-0.4X2.5	0204504	10
Power distribution module dimensions										
Thickness / length / height mm			20.3/21.6/17.7			32.9/21.6/17.7			45.5/21.6/17.7	
Connection (directly pluggable)										
Rigid mm ²			0.5-6/0.14-2.5			0.5-6/0.14-2.5			0.5-6/0.14-2.5	
Stranded wire with tubular bare terminal or tubular insulated terminal mm ²			0.5-4/0.14-1.5			0.5-4/0.14-1.5			0.5-4/0.14-1.5	
Stripping length mm			10-12/8-10			10-12/8-10			10-12/8-10	
Insulation material			PA			PA			PA	
Grading per UL 94			V0			V0			V0	



Power Distribution Module

System Accessories

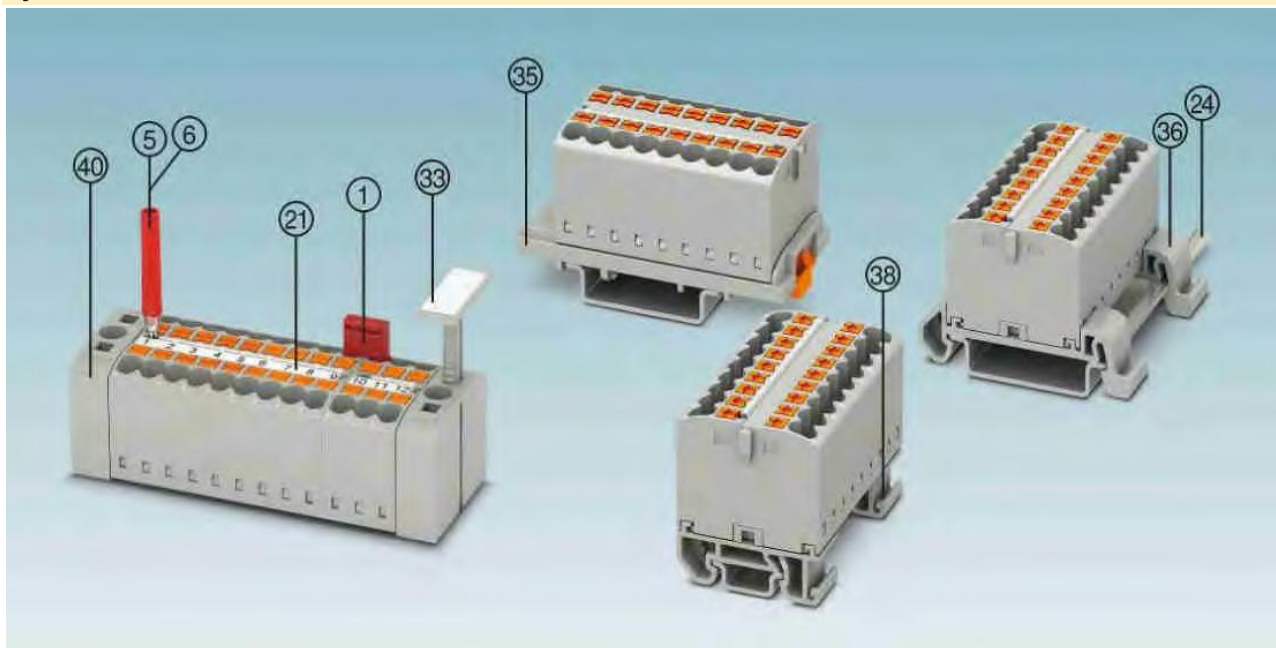


Description	Position No.	Color	Type	Part Number	Number of units/package quantity	Type	Part Number	Number of units/package quantity
① Jumper ¹⁾	2	Red	FBS 2-5	5130161	50			
⑤ Metal part of test plug		Silver	MPS-MT SN	93120879	10			
⑥ Insulating sleeve for MPS metal part		Red	MPS-IH RD	93120880	10			
③ Flange mark bracket		Grey	KLM 2	93120881	100			
④ Flange mark bracket		Grey	KLM 3	93120882	100			
⑤ TH35 or TH15 guide rail adapter for vertical mounting		Grey	GZ-ZJ-B	9311135	20			
⑤ TH35 guide rail adapter for horizontal mounting		Grey	GZ-ZJ-A	9311132	20			
TH35 guide rail adapter with terminal fastener for horizontal mounting		Grey	GZ-ZJ-A-FIX	93120885	20			
⑤ TH15 guide rail adapter for horizontal mounting		Grey	GZ-ZJ-A-15	9311133	20			
TH15 guide rail adapter with terminal fastener for horizontal mounting		Grey	GZ-ZJ-15-A-FIX	93120887	20			
④ Mounting flange		Grey	GZ-F	9311137	20			
Screwdriver			SZF 1-0,6X3,5	0204517	10			
④ Marking slot in the center of tag								
④ TH35 guide rail and terminal fastener								



Power Distribution Module

System Accessories



Description	Position No.	Color	Type	Part Number	Number of units/package quantity	Type	Part Number	Number of units/package quantity
① Jumper ¹⁾	2	Red	FBS 2-5	5130161	50			
⑤ Metal part of test plug		Silver	MPS-MT SN	93120879	10			
⑥ Insulating sleeve for MPS metal part		Red	MPS-IH RD	93120880	10			
③ Flange mark bracket		Grey	KLM 2	93120881	100			
④ Flange mark bracket		Grey	KLM 3	93120882	100			
⑤ TH35 or TH15 guide rail adapter for vertical mounting		Grey	GZ-ZJ-B	9311135	20			
⑤ TH35 guide rail adapter for horizontal mounting		Grey	GZ-ZJ-A	9311132	20			
TH35 guide rail adapter with terminal fastener for horizontal mounting		Grey	GZ-ZJ-A-FIX	93120885	20			
⑤ TH15 guide rail adapter for horizontal mounting		Grey	GZ-ZJ-A-15	9311133	20			
TH15 guide rail adapter with terminal fastener for horizontal mounting		Grey	GZ-ZJ-15-A-FIX	93120887	20			
④ Mounting flange		Grey	GZ-F	9311137	20			
Screwdriver			SZF 1-0,6X3,5	0204517	10			
② Marking slot in the center of tag								
④ TH35 guide rail and terminal fastener								

Power Distribution Module



GZ-2X2.5



GZ-6X2.5

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2				
Input	/	/	/	/
Output	0.14-4	0.14-1.5	24	450

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2				
Input	/	/	/	/
Output	0.14-4	0.14-1.5	24	450

Description	Color	Type	Part Number	Package quantity	Type	Part Number	Package quantity
	Grey	GZ-2X2.5	93121101	50	GZ-6X2.5	93121102	20
	Blue	GZ-2X2.5 BU	93121105	50	GZ-6X2.5 BU	93121106	20
	Red	GZ-2X2.5 RD	93121109	50	GZ-6X2.5 RD	93121110	20
	Yellow	GZ-2X2.5 YE	93121113	50	GZ-6X2.5 YE	93121114	20
	Green	GZ-2X2.5 GN	93121117	50	GZ-6X2.5 GN	93121118	20
	Brown	GZ-2X2.5 BN	93121121	50	GZ-6X2.5 BN	93121122	20
	White	GZ-2X2.5 WH	93121125	50	GZ-6X2.5 WH	93121126	20
	Black	GZ-2X2.5 BK	93121129	50	GZ-6X2.5 BK	93121130	20
	Purple	GZ-2X2.5 VT	93121133	50	GZ-6X2.5 VT	93121134	20
	Pink	GZ-2X2.5 PK	93121137	50	GZ-6X2.5 PK	93121138	20
	Orange	GZ-2X2.5 OG	93121141	50	GZ-6X2.5 OG	93121142	20
	Black / yellow	GZ-2X1.5 FE	93121145	50	GZ-6X2.5 FE	93121146	20
Accessories		For accessories, see Pages 8 and 9.			For accessories, see Pages 8 and 9.		
Guide rail adapter		For accessories, see Page 13.			For accessories, see Page 13.		
Number of terminal points		2			6		
Screwdriver		SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10
Power distribution module dimensions							
Thickness / length / height mm			5.2/28.5/21.7				15.6/28.5/21.7
Connection (directly pluggable)							
Rigid mm ²			0.14-4				0.14-4
Stranded wire with tubular bare terminal or tubular insulated terminal mm ²			0.14-2.5				0.14-2.5
Stripping length mm			8-10				8-10
Insulation material			PA				PA
Grading per UL 94			V0				V0



Power Distribution Module



GZ-12X2.5



GZ-18X2.5

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)	IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2					60998-2				
Input	/	/	/	/	Input	/	/	/	/
Output	0.14-4	0.14-2.5	24	450	Output	0.14-4	0.14-2.5	24	450

Description	Color	Type	Part Number	Package quantity	Type	Part Number	Package quantity
	Grey	GZ-12X2.5	93121103	20	GZ-18X2.5	93121104	20
	Blue	GZ-12X2.5 BU	93121107	20	GZ-18X2.5 BU	93121108	20
	Red	GZ-12X2.5 RD	93121111	20	GZ-18X2.5 RD	93121112	20
	Yellow	GZ-12X2.5 YE	93121115	20	GZ-18X2.5 YE	93121116	20
	Green	GZ-12X2.5 GN	93121119	20	GZ-18X2.5 GN	93121120	20
	Brown	GZ-12X2.5 BN	93121123	20	GZ-18X2.5 BN	93121124	20
	White	GZ-12X2.5 WH	93121127	20	GZ-18X2.5 WH	93121128	20
	Black	GZ-12X2.5 BK	93121131	20	GZ-18X2.5 BK	93121132	20
	Purple	GZ-12X2.5 VT	93121135	20	GZ-18X2.5 VT	93121136	20
	Pink	GZ-12X2.5 PK	93121139	20	GZ-18X2.5 PK	93121140	20
	Orange	GZ-12X2.5 OG	93121143	20	GZ-18X2.5 OG	93121144	20
	Black / yellow	GZ-12X2.5 FE	93121147	20	GZ-18X2.5 FE	93121148	20
Accessories		For accessories, see Pages 8 and 9.			For accessories, see Pages 8 and 9.		
Guide rail adapter		For accessories, see Page 13.			For accessories, see Page 13.		
Number of terminal points		12			18		
Screwdriver		SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10
Power distribution module dimensions							
Thickness / length / height mm		31.2/28.5/21.7			46.8/28.5/21.7		
Connection (directly pluggable)							
Rigid mm ²		0.14-4			0.14-4		
Stranded wire with tubular bare terminal or tubular insulated terminal mm ²		0.14-2.5			0.14-2.5		
Stripping length mm		8-10			8-10		
Insulation material		PA			PA		
Grading per UL 94		V0			V0		



Power Distribution Module



GZ-6/6X2.5



GZ-6/12X2.5



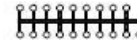
GZ-6/18X2.5

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2				
Input	0.5-10	0.5-6	41	450
Output	0.14-4	0.14-2.5	24	450

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2				
Input	0.5-10	0.5-6	41	450
Output	0.14-4	0.14-2.5	24	450

IEC	Rigid solid (mm ²)	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
60998-2				
Input	0.5-10	0.5-6	41	450
Output	0.14-4	0.14-2.5	24	450

Description	Color	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
	Grey	GZ-6/6X2.5	93120601	10	GZ-6/12X2.5	93120602	8	GZ-6/18X2.5	93120603	8
	Blue	GZ-6/6X2.5 BU	93120604	10	GZ-6/12X2.5 BU	93120605	8	GZ-6/18X2.5 BU	93120606	8
	Red	GZ-6/6X2.5 RD	93120607	10	GZ-6/12X2.5 RD	93120608	8	GZ-6/18X2.5 RD	93120609	8
	Yellow	GZ-6/6X2.5 YE	93120610	10	GZ-6/12X2.5 YE	93120611	8	GZ-6/18X2.5 YE	93120612	8
	Green	GZ-6/6X2.5 GN	93120613	10	GZ-6/12X2.5 GN	93120614	8	GZ-6/18X2.5 GN	93120615	8
	Brown	GZ-6/6X2.5 BN	93120616	10	GZ-6/12X2.5 BN	93120617	8	GZ-6/18X2.5 BN	93120618	8
	White	GZ-6/6X2.5 WH	93120619	10	GZ-6/12X2.5 WH	93120620	8	GZ-6/18X2.5 WH	93120621	8
	Black	GZ-6/6X2.5 BK	93120622	10	GZ-6/12X2.5 BK	93120623	8	GZ-6/18X2.5 BK	93120624	8
	Purple	GZ-6/6X2.5 VT	93120625	10	GZ-6/12X2.5 VT	93120626	8	GZ-6/18X2.5 VT	93120627	8
	Pink	GZ-6/6X2.5 PK	93140003	10	GZ-6/12X2.5 PK	93140004	8	GZ-6/18X2.5 PK	93140005	8
	Orange	GZ-6/6X2.5 OG	93120628	10	GZ-6/12X2.5 OG	93120629	8	GZ-6/18X2.5 OG	93120630	8
	Black / yellow	GZ-6/6X2.5 FE	93120631	10	GZ-6/12X2.5 FE	93120632	8	GZ-6/18X2.5 FE	93120633	8
Accessories		For accessories, see Pages 8 and 9.			For accessories, see Pages 8 and 9.			For accessories, see Pages 8 and 9.		
Guide rail adapter		For accessories, see Page 13.			For accessories, see Page 13.			For accessories, see Page 13.		
Number of terminal points		7			13			19		
Screwdriver		SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10
Power distribution module dimensions										
Thickness / length / height mm			27.5/28.5/21.7		43.1/28.5/21.7			58.7/28.5/21.7		
Connection (directly pluggable)										
Rigid	mm ²		0.5-10/0.14-4		0.5-10/0.14-4			0.5-10/0.14-4		
Stranded wire with tubular bare terminal or tubular insulated terminal	mm ²		0.5-6/0.14-2.5		0.5-6/0.14-2.5			0.5-6/0.14-2.5		
Stripping length	mm		10-12/8-10		10-12/8-10			10-12/8-10		
Insulation material			PA		PA			PA		
Grading per UL 94			V0		V0			V0		



Guide Rail Adapter



GZ-ZJ-A
(clamping)

Type	Dimensions (L/W/H, mm)	Part Number
GZ-ZJ-A	45.7/10.3/11.9	9311132

Used to mount Type TH35 standard guide rail and suitable for the 2.5 mm² power distribution module



GZ-ZJ-A-15
(clamping)

Type	Dimensions (L/W/H, mm)	Part Number
GZ-ZJ-A-15	28.6/10.3/10.8	9311133

Used to mount Type TH15 standard guide rail and suitable for the 2.5 mm² power distribution module



GZ-1.5-ZJ-A-15
(clamping)

Type	Dimensions (L/W/H, mm)	Part Number
GZ-1.5-ZJ-15-A	21.6/18/10.85	9311134

Used to mount Type TH15 standard guide rail and suitable for the 1.5 mm² power distribution module



GZ-ZJ-B
(clamping)

Type	Dimensions (L/W/H, mm)	Part Number
GZ-ZJ-B	58.1/28.6/11	9311135

Used to mount Types TH35 and TH15 standard guide rails and suitable for the 2.5 mm² power distribution module



GZ-1.5-ZJ-B
(clamping)

Type	Dimensions (L/W/H, mm)	Part Number
GZ-1.5-ZJ-B	58.1/21.6/11	9311136

Used to mount Types TH35 and TH15 standard guide rails and suitable for the 1.5 mm² power distribution module



GZ-F
(flange)

Type	Dimensions (L/W/H, mm)	Part Number
GZ-F	28.6/8.6/21.7	9311137

Directly fixed on the panel with bolt and suitable for the 2.5 mm² power distribution module
Mounting hole size: Ø3.2



GZ-1.5-F
(flange)

Type	Dimensions (L/W/H, mm)	Part Number
GZ-1.5-F	21.6/7.7/17.7	93120500

Directly fixed on the panel with bolt and suitable for the 1.5 mm² power distribution module
Mounting hole size: Ø2.6



KLM2
(flange mark bracket)

Type	Dimensions (L/W/H, mm)	Part Number
KLM2	22/12.4/42	93120881

The height of the terminal strip mark bracket is adjustable; it can be identified with a clamping tag.

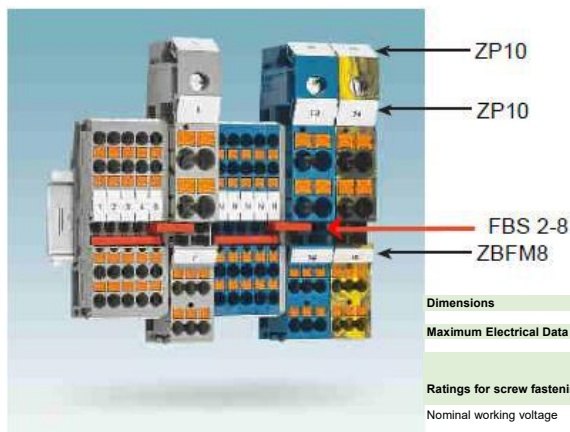


KLM3
(flange mark bracket)

Type	Dimensions (L/W/H, mm)	Part Number
KLM3	21.7/10/27	93120882

The terminal strip mark bracket can be identified with a 20 X 8 mm tag.

Potential Distributor Terminal



- Convenient electric potential collection or distribution
- Less space required due to compact structure
- Standard plug-in bridgware can be used for bridging.
- The 2.3 mm standard test aperture ensures easy testing.
- Large-area identification option

Dimensions		[mm]
Maximum Electrical Data		
Ratings for screw fastening		
Nominal working voltage	[V]	1000
Rated current / cross-section	[A] / [mm ²]	105
Connection capacity	AWG	16 - 1/0
Connection capacity for screw fastening		
Single conductor	[mm ²]	1.5 - 50
Twin-conductor (same type)	[mm ²]	1.5 - 16
Rating data, 4 in-line self-holding terminal positions, 6 mm ²		
Rated current / cross-section	[A] / [mm ²]	41 / 6
Connection capacity	AWG	20 - 8
Connection capacity, 4 in-line self-holding terminal positions, 6 mm ²		
Single conductor	[mm ²]	0.5 - 10
Cross-section for directly pluggable connection	[mm ²]	1 - 10
Rating data, 6 in-line self-holding terminal positions, 2.5 mm ²		
Rated current / cross-section	[A] / [mm ²]	24 / 2.5
Connection capacity	AWG	26 - 12
Connection capacity, 6 in-line self-holding terminal positions, 2.5 mm ²		
Single conductor	[mm ²]	0.14 - 4
Cross-section for directly pluggable connection	[mm ²]	0.34 - 4
General parameters		
Stripping length	[mm]	18
Thread		M6
Tightening torque	[Nm]	3.2 - 3.7
Insulation material		PA
Flammability according to UL 94		V0

Description	Position No.	Color
Terminal		Grey
		Blue
		Black / yellow

Block terminal that can be connected to the side slot quickly	Grey
---	------

Plug-in bridgware		
	2	Red
	3	Red
	4	Red
	5	Red
	10	Red

Metal part of test plug, with the diameter of 2.3 mm	Grey
--	------

Insulating sleeve for MPS metal part	Red
--------------------------------------	-----

Combined test plug for testing separate mounting of connector identification	Red
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Screwdriver

Identification of central and side marking slots
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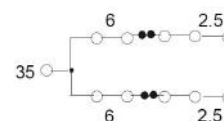


Technical Data			
Width	Length	Height (TH 35/7.5)	
16.3	110.5	48.8	
I _{max} [A]	U _{max} [V]	Max Ø [mm²]	AWG (UL)
105	1000	1.5 - 50	14-2
IEC 60947-7-1			
IEC		IEC/ EN 60079-7	
Ratings for screw fastening			
1000		-	
105		-	
16 - 1/0		14-2	
Connection capacity for screw fastening			
Rigid	Flexible	Crimp terminal with / without plastic sleeve	
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
1.5 - 16	1.5 - 10	1.5 - 10	-
Rating data, 4 in-line self-holding terminal positions, 6 mm²			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
41 / 6	-	-	-
20 - 8	14-2	14-2	-
Connection capacity, 4 in-line self-holding terminal positions, 6 mm²			
Rigid	Flexible	Crimp terminal with / without plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
1 - 10	-	1 - 6	1 - 6
Rating data, 6 in-line self-holding terminal positions, 2.5 mm²			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
24 / 2.5	-	-	-
26 - 12	-	-	-
Connection capacity, 6 in-line self-holding terminal positions, 2.5 mm²			
Rigid	Flexible	Crimp terminal with / without plastic sleeve	
0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
Rating data, 8 in-line self-holding terminal positions, 0.75 mm²			
18			
M6			
3.2 - 3.7			
PA			
VN			

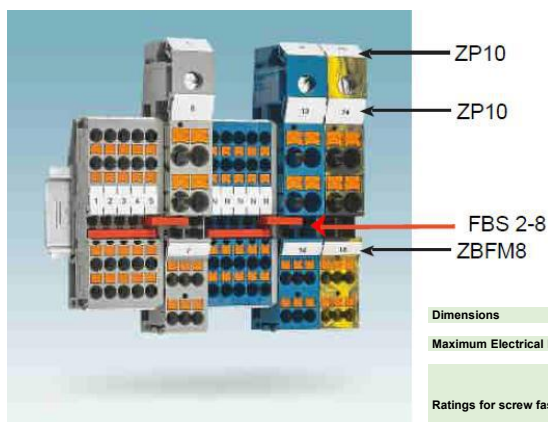
Order Data			
Type	I _{max}	Part Number	Number of units/package quantity
GZ-35/4X6+6X2.5		93120890	20
GZ-35/4X6+6X2.5 BU		93140034	20
GZ-35/4X6+6X2.5 FE		93120035	20

Accessories			
AGK 4-UT 35		93120891	50
FBS 2-8	41 A	5130284	10
FBS 3-8	41 A	5130297	10
FBS 4-8	41 A	5130307	10
FBS 5-8	41 A	5130310	10
FBS 10-8	41 A	5130323	10
MPS-MT		93120897	10
MPS-IH RD		93120898	10
PS-6		9311174	10
SZF 3-1,0X5,5		0206612	10

ZP10	8868105	10
ZBFM8	0903734	10



Potential Distributor Terminal



- Suitable for connecting PV string



GZ-35/4X10

Technical Data

Width	Length	Height (TH 35/7,5)	
19.4	79.9	50.3	
I_{max} [A]	U_{max} [V]	Max Ø [mm²]	AWG (UL)
101	1000	10 - 35	14-3
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
101	-	-	-
8 - 2	14-3	-	-
Rigid	Flexible	Crimp terminal with / without plastic sleeve	
10 - 35	10 - 35	10 - 35	10 - 35
1.5 - 16	1.5 - 10	1.5 - 10	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
57 / 10	-	-	-
20 - 6	14-3	-	-
Rigid	Flexible	Crimp terminal with / without plastic sleeve	
2.5 - 16	2.5 - 10	2.5 - 10	2.5 - 10
-	-	-	-
18			
M6			
3.2 - 3.7			
PA			
V0			

Order Data

Type	Part Number	Number of units/package quantity
GZ-35/4X10	93120991	25
GZ-35/4X10 BU	93140036	25

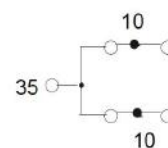
Accessories

AGK 4-UT 35	93120891	50
FBS 2-10	5109947	10
MPS-MT	93120897	10
MPS-IH RD	93120898	10
PS-6	9311174	10
SZF 3-1,0X5,5	0206612	10

Dimensions	[mm]
Maximum Electrical Data	
Ratings for screw fastening	
Nominal working voltage	[V]
Rated current / cross-section	[A] / [mm ²]
Connection capacity	AWG
Connection capacity for screw fastening	
Single conductor	[mm ²]
Twin-conductor (same type)	[mm ²]
Rating data, 4 in-line self-holding terminal positions, 10 mm ²	
Rated current / cross-section	[A] / [mm ²]
Connection capacity	AWG
Connection capacity, 4 in-line self-holding terminal positions, 10 mm ²	
Single conductor	[mm ²]
Cross-section for directly pluggable connection	[mm ²]
General parameters	
Stripping length	[mm]
Thread	
Tightening torque	[Nm]
Insulation material	
Flammability according to UL 94	

Description	Position No.	Color
Terminal		Grey
		Blue

Block terminal that can be connected to the side slot quickly		Grey
Plug-in bridgware	2	Red
	5	Red
Metal part of test plug, with the diameter of 2.3 mm		Grey
Insulating sleeve for MPS metal part		Red
Combined test plug for testing separate mounting of connector identification		Red
Screwdriver		
Identification of central and side marking slots		



Potential Distributor Terminal



GZ-2X10/9X4

Dimensions	
	[mm]
Maximum Electrical Data	
Rating data, in-line self-holding connection, 10 mm ²	
Nominal working voltage	[V]
Rated current / cross-section	[A] / [mm ²]
Connection capacity	AWG
Connection capacity, in-line self-holding connection, 10 mm ²	
Single conductor	[mm ²]
Two flexible conductors with TWIN crimp terminal	[mm ²]
Rating data, 9 in-line self-holding terminal positions, 4 mm ²	
Rated current / cross-section	[A] / [mm ²]
Connection capacity	AWG
Connection capacity, 9 in-line self-holding terminal positions, 4 mm ²	
Single conductor	[mm ²]
Cross-section for directly pluggable connection	[mm ²]
General parameters	
Stripping length	[mm]
Insulation material	
Flammability according to UL 94	

Technical Data			
Width	Length	Height (TH 35/7,5)	
18.5	83.2	47.9	
I _{max} [A]	U _{max} [V]	Max Ø [mm ²]	AWG (UL)
57	800	0.5 - 16	-
IEC 60947-7-1			
IEC	UL CUL / CSA	IEC/ EN 60079-7	
800	-	-	
57 / 10	-	-	
20 - 6	-	-	
Rigid	Flexible	Crimp terminal with / without plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 10
-	-	-	1.5 - 4
IEC	UL CUL / CSA	IEC/ EN 60079-7	
32 / 4	-	-	
24 - 10	-	-	
Rigid	Flexible	Crimp terminal with / without plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
0.5 - 6	-	0.5 - 4	0.5 - 4
18			
PA			
PA 6.6			

Description	Position No.	Color
Terminal		Grey
		Blue

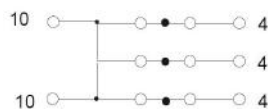
Order Data			
Type	I _{max}	Part Number	Number of units/package quantity
GZ-2X10/9X4		93120300	25
GZ-2X10/9X4 BU		93140037	25

Plug-in bridgware		
	2	Red

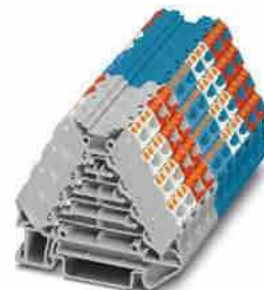
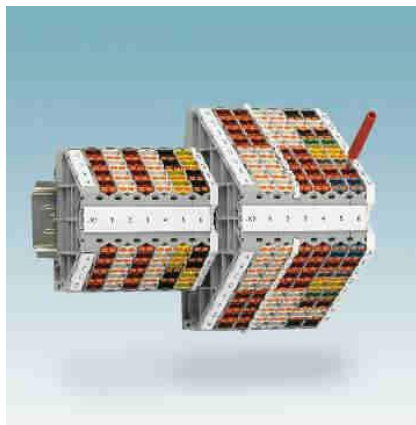
Accessories			
FBS 2-6	32 A	5130336	50

Identification of central and side marking slots
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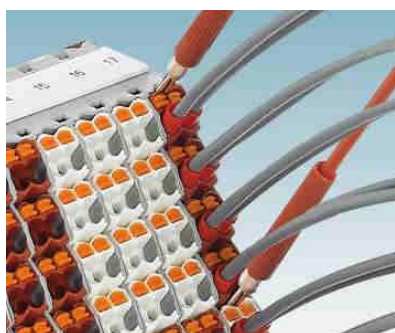
ZP6	8868103	10
ZBFM6	0903618	10
ZP10	8868105	10



Dense Matrix Connection Unit, with Four-Layer / 16 Terminal Positions



- Compact design achieving the maximum signal density and reducing 20% of the footprint
- In-line self-holding connection ensuring tool-free connection
- Flexible configuration of cable and terminal point colors achieving intuitive and safe mounting
- Double terminal positions for connecting four 2.5 mm² conductors to a potential distributor terminal
- 2.3 mm test port between terminal points, convenient for testing
- Large-area zero-gap mark for matrix identification
- Bridgware and 6 mm² power cable achieving potential distribution easily
- Blue dense matrix connection unit suitable for the Ex i safety circuit below 60 V
- Row-type bridging strap can also be clamped.
- GZ/4 can be supplied to those models without pluggable button.



Dimensions	
	[mm]
Maximum Electrical Data	
Ratings	
Nominal working voltage	[V]
Rated current / cross-section	[A] / [mm ²]
Connection capacity	AWG
Connection capacity	
Single conductor	[mm ²]
Cross-section for directly pluggable connection	[mm ²]

Description	Color
Dense Matrix Connection Unit (white box)	Grey
Box: Red	Grey
Box: Grey	Grey
Box: Green	Grey
Box: Yellow	Grey
Box: Blue	Blue
Box: White	Blue
Box: Red	Blue

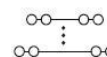
Partition with the width of 8.3 mm	Grey
Row-type bridging strap that can be clamped	Grey
Flat quick designation strip for identification of DP-PTRV ... partition, unprinted	White
Horizontal identification with numbers of 1-8	White
Horizontal identification with letters of A-H	White
Vertical identification with numbers of 1-8	White
Vertical identification with letters of A-H	White
Identification based on the user's need	White
Quick designation strip for identification of the PTRV terminal, unprinted	White
Horizontal identification with continuous digital coding, such as 1-10 and 11-20	White
Vertical identification with continuous digital coding, such as 1-10 and 11-20	White

GZ/4 Technical Data			
Width	Length	Height (TH 35/7.5)	
8.3	64	55.5	
I _{max} [A]	U _{max} [V]	Max Ø [mm ²]	AWG (UL)
10	250	0.14 - 2.5	26-14
IEC 60947-7-1		IEC/ EN 60079-7	

	Rigid	Flexible	Crimp terminal with / without plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5	

Order Data		
Type	Part Number	Number of units/package quantity
GZ/4 WH	93121200	10
GZ/4 RD	93121201	10
GZ/4 GY	93121202	10
GZ/4 GN	93121203	10
GZ/4 YE	93121204	10
GZ/4 BU/BU	93121205	10
GZ/4 BU/WH	93121206	10
GZ/4 BU/RD	93121207	10

Accessories		
G-GZ/4	93121208	10
CDC-GZ	93121209	10
ZBFM 6/9,2 S8:UNBEDRUCKT	93121210	10
ZBFM 6/9,2 S8,LGS:1-8	93121211	10
ZBFM 6/9,2 S8,LGS:A-H	93121212	10
ZBFM 6/9,2 S8,QR:1-8	93121213	10
ZBFM 6/9,2 S8,QR:A-H	93121214	10
ZBFM 6/9,2 S8 CUS	93121215	1
ZP 8,3:UNBEDRUCKT	93121216	10
ZP 8,3,LGS:FORTL.ZAHLEN	93121217	10
ZP 8,3,QR:FORTL.ZAHLEN	93121218	10



Potential Distributor Module, with Four-Layer / 16 Terminal Positions

- GZ/4SJ terminal achieving potential distribution for up to 16 terminal positions
- Blue dense matrix connection unit suitable for the Ex i safety circuit below 60 V
- Bridgeware and 6 mm² power cable achieving potential distribution easily



GZ/4SJ

Dimensions	
	[mm]
Maximum Electrical Data	
Ratings	
Nominal working voltage	[V]
Rated current / cross-section	[A] / {mm ² }
Connection capacity	AWG
Connection capacity	
Single conductor	[mm ²]
Cross-section for directly pluggable connection	[mm ²]

Description	Color
Potential distributor module (black box)	Grey
Box: Red	Grey
Box: Blue	Grey
Box: Black	Blue
Potential distributor module (two upper boxes are yellow and two lower boxes are black)	Grey
Two upper boxes are black and two lower boxes are yellow.	Grey

Partition with the width of 8.3 mm	Grey
Flat quick designation strip for identification of DP-PTRV ... partition, unprinted	White
Horizontal identification with numbers of 1-8	White
Horizontal identification with letters of A-H	White
Vertical identification with numbers of 1-8	White
Vertical identification with letters of A-H	White
Identification based on the user's need	White

Technical Data			
Width	Length	Height (TH 35/7,5)	
8.3	64	55.5	
I_{max} [A]	U_{max} [V]	Max Ø [mm ²]	AWG (UL)
20	250	0.14 - 2.5	26-14
IEC		IEC/ EN 60079-7	
Rigid	Flexible	Crimp terminal with / without plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Order Data			
Type	Part Number	Number of units/package quantity	
GZ/4SJ BK	93121219	10	
GZ/4SJ RD	93121220	10	
GZ/4 BU/BU	93121221	10	
GZ/4SJ BU/BK	93121222	10	
GZ/4SJ FE YEBK	93121223		
GZ/4SJ FE BKYE	93121224		

Accessories			
G-GZ/4	93121208	10	
ZBFM 6/9,2 S8:UNBEDRUCKT	93121210	10	
ZBFM 6/9,2 S8,LGS:1-8	93121211	10	
ZBFM 6/9,2 S8,LGS:A-H	93121212	10	
ZBFM 6/9,2 S8,QR:1-8	93121213	10	
ZBFM 6/9,2 S8,QR:A-H	93121214	10	
ZBFM 6/9,2 S8 CUS	93121215	1	



Potential Distributor Module, with Four-Layer /13 Terminal Positions, Bridging Allowed



- Up to 32 terminal positions reducing the potential distribution footprint
- Plug-in bridgware achieving custom-tailored adaptation of the potential distributor module
- Model with 6 mm² power cable and 32 A rated current available
- GZB/4-PE ground terminal for connecting shielded or protective conductor
- Blue and red models available, achieving unambiguous potential distribution
- Large-area identification option

GPTRVB 4-FI /BK

GPTRVB 4-FI /BU

GPTRVB 4-FI /RD

GPTRVB 4-FI /GY

GPTRVB 4-PV /BK

GPTRVB 4-PV /BU

GPTRVB 4-PV /RD

GPTRVB 4-PE



GZB/4

Technical Data

Dimensions		Width	Length	Height (TH 35/7.5)	
		8.3	64	55.5	
Maximum Electrical Data		I _{max} [A]	U _{max} [V]	Max Ø [mm ²]	AWG (UL)
		24	250	0.14 - 2.5	12-10
		IEC 60947-7-1			
		IEC			
		IEC/ EN 60079-7			
Ratings					
Nominal working voltage		[V]	250		
Rated current / cross-section		[A] / [mm ²]	17.5 / 1.5		
Connection capacity		AWG	26-14		
Connection capacity		Rigid	Flexible	Crimp terminal with / without plastic sleeve	
Single conductor		[mm ²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5
Cross-section for directly pluggable connection		[mm ²]	0.34 - 2.5	-	0.34 - 1.5
Ratings of feeder					
Rated current / cross-section		[A] / [mm ²]	32 / 4	-	-
Maximum current		[A]	37	-	-
Connection capacity		AWG	24-10		
Power connection capacity		Rigid	Flexible	Crimp terminal with / without plastic sleeve	
Single conductor		[mm ²]	0.2 - 6	0.2 - 6	0.2 - 6
Cross-section for directly pluggable connection		[mm ²]	0.34 - 6	-	0.34 - 6

Order Data

Description	Color	Type	I _{max}	Part Number	Number of units/package quantity
Potential distributor module with PSU	Grey	GZB/4 BK		93121232	10
Box: Blue	Grey	GZB/4 BU		93121233	10
Box: Red	Grey	GZB/4 RD		93121234	10
Box: Grey	Grey	GZB/4 GY		93121235	10
Potential distributor module ¹⁾	Grey	GZB/4SJ BK		93121236	10
Box: Blue	Grey	GZB/4SJ BU		93121237	10
Box: Red	Grey	GZB/4SJ RD		93121238	10
Ground terminal		GZB/4 PE		93121239	10

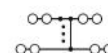
Accessories

Partition with the width of 8.3 mm	Grey	G-GZ/4		93121208	10
Plug-in jumper wire, 500 mm long, fixed-scale cutting, used for power distribution					
Nominal working current: 32 A	Red	FBST 500-PLC RD	32 A	93121241	20
	Grey	FBST 500-PLC GY	32 A	93121242	20
Flat quick designation strip for identification of DP-PTRV ... partition, unprinted	White	ZBFM 6/9,2 S8: UNBEDRUCKT		93121210	10
Horizontal identification with numbers of 1-8	White	ZBFM 6/9,2 S8, LGS:1-8		93121211	10
Horizontal identification with letters of A-H	White	ZBFM 6/9,2 S8, LGS:A-H		93121212	10
Vertical identification with numbers of 1-8	White	ZBFM 6/9,2 S8, QR:1-8		93121213	10
Vertical identification with letters of A-H	White	ZBFM 6/9,2 S8, QR:A-H		93121214	10
Identification based on the user's need	White	ZBFM 6/9,2 S8 CUS		93121215	1

Notes:

1) Rated current of 17.5 A, 16 terminal positions

2) Maximum current of 24 A for double terminal positions



Accessories

- Space-saving group and end plate with breaking capacity
- Same shape as GZ/4...Dense Matrix Connection Unit



G-GZ/4



TM-GZ/4

General parameters		Technical Data			Technical Data		
Identification material		PA			PA		
		Order Data			Order Data		
Description	Color	Type	Part Number	Number of units/package quantity	Type	Part Number	Number of units/package quantity
Cover, group divisible design, unidentified	White	G-GZ/4 WH	93121249	10			
Vertical identification: numbers of 1-4	White	G-GZ/4 WH 1-4	93121250	10			
Horizontal identification: numbers of 1-4	White	G-GZ/4 WH 1-4 LGS	93121251	10			
Vertical identification: numbers of 4-1	White	G-GZ/4 WH 4-1	93121252	10			
Horizontal identification: numbers of 4-1	White	G-GZ/4 WH 4-1 LGS	93121253	10			
Vertical identification: letters of A-D	White	G-GZ/4 WH A-D	93121254	10			
Horizontal identification: letters of A-D	White	G-GZ/4 WH A-D LGS	93121255	10			
Vertical identification: letters of D-A	White	G-GZ/4 WH D-A	93121256	10			
Horizontal identification: letters of D-A	White	G-GZ/4 WH D-A LGS	93121257	10			
Designation strip without interference with clearance, vertical identification with numbers of 1-4	White				TM-GZ/4 QR1-4	93121258	10
Vertical identification with numbers of 4-1	White				TM-GZ/4 QR 4-1	93121259	10
Vertical identification with letters of A-D	White				TM-GZ/4 QR A-D	93121260	10
Vertical identification with letters of D-A	White				TM-GZ/4 QR D-A	93121261	10

Dense Matrix Connection Unit, with Eight-Layer / 32 Terminal Positions



GZ/8

Technical Data

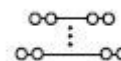
Dimensions		Technical Data			
Maximum Electrical Data	[mm]	Width	Length	Height (TH 35/7,5)	
		8.3	100	87.5	
		I _{max} [A]	U _{max} [V]	Max Ø [mm ²]	AWG (UL)
		8	250	0.14 - 2.5	26-14
Ratings		IEC 60947-7-1			
		IEC			
		IEC/ EN 60079-7			
Nominal working voltage	[V]	250	300		
Rated current / cross-section	[A] / [mm ²]	8 / 1.5			
Connection capacity	AWG	26-14			
Connection capacity		Rigid	Flexible	Crimp terminal with / without plastic sleeve	
Single conductor	[mm ²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Cross-section for directly pluggable connection	[mm ²]	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Order Data

Description	Color	Type	Part Number	Number of units/package quantity
Dense Matrix Connection Unit (four upper boxes are white and four lower boxes are red)	Grey	GZ/8 WHRD	93121262	10
Four upper boxes are red and four lower boxes are white.	Grey	GZ/8 RDWH	93121263	10
Box: Blue	Grey	GZ/8 BU	93121264	10
Box: Green	Grey	GZ/8 GN	93121265	10
Box: Red	Grey	GZ/8 RD	93121266	10
Box: The color complies with the color coding requirement specified in VDE 0815.	Grey	GZ/8 VDE 0815	93121267	10
Box: Blue	Blue	GZ/8 BU/BU	93121268	10
Four upper boxes are white and four lower boxes are red.	Blue	GZ/8 BU/WHRD	93121269	10
Four upper boxes are red and four lower boxes are white.	Blue	GZ/8 BU/RDWH	93121270	10

Accessories

Partition with the width of 8.3 mm	Grey	G-GZ/8	93121271	10
Row-type bridging strap that can be clamped	Grey	CDC-GZ	93121209	10
Flat quick designation strip for identification of DP-PTRV ... partition, unprinted	White	ZBFM 6/9,2 S8:UNBEDRUCKT	93121210	10
Horizontal identification with numbers of 1-8	White	ZBFM 6/9,2 S8,LGS:1-8	93121211	10
Horizontal identification with letters of A-H	White	ZBFM 6/9,2 S8,LGS:A-H	93121212	10
Vertical identification with numbers of 1-8	White	ZBFM 6/9,2 S8,QR:1-8	93121213	10
Vertical identification with letters of A-H	White	ZBFM 6/9,2 S8,QR:A-H	93121214	10
Identification based on the user's need	White	ZBFM 6/9,2 S8 CUS	93121215	1
Quick designation strip for identification of the PTRV terminal, unprinted	White	ZP 8,3,UNBEDRUCKT	93121216	10
Horizontal identification with continuous digital coding, such as 1-10 and 11-20	White	ZP 8,3,LGS:FORTL.ZAHLEN	93121217	10
Vertical identification with continuous digital coding, such as 1-10 and 11-20	White	ZP 8,3,QR:FORTL.ZAHLEN	93121218	10



- Compact design achieving the maximum signal density and reducing 20% of the footprint
- In-line self-holding connection ensuring tool-free connection
- Flexible configuration of cable and terminal point colors achieving intuitive and safe mounting
- Double terminal positions for connecting four 2.5 mm² conductors to a potential distributor terminal
- 2.3 mm test port between terminal points, convenient for testing
- Large-area zero-gap mark for matrix identification
- Bridgeware and 6 mm² power cable achieving potential distribution easily
- Blue dense matrix connection unit suitable for the Ex i safety circuit below 60 V
- Row-type bridging strap can also be clamped.
- GZ/8 can be supplied to those models without pluggable button.

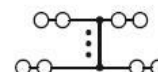
Potential Distributor Module, with Eight-Layer / 32 Terminal Positions

- GZ/8SJ terminal achieving potential distribution for up to 32 terminal positions
- Blue dense matrix connection unit suitable for the Ex i safety circuit below 60 V
- Bridgeware and 6 mm² power cable achieving potential distribution easily



GZ/8SJ

		Technical Data			
Dimensions		Width	Length	Height (TH 35/7.5)	
		8.3	100	87.5	
Maximum Electrical Data		I _{max} [A]	U _{max} [V]	Max Ø [mm ²]	AWG (UL)
		20	250	0.14 - 2.5	26-14
Ratings		IEC			
Nominal working voltage		250			
Rated current / cross-section		17.5 / 1.5			
Connection capacity		26-14			
Connection capacity		Rigid	Flexible	Crimp terminal with / without plastic sleeve	
Single conductor		0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Cross-section for directly pluggable connection		0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5
		Order Data			
Description	Color	Type	Part Number	Number of units/package quantity	
Potential distributor module (black box)	Grey	GZ/8SJ BK	93121282	10	
Box: Blue	Grey	GZ/8SJ BU	93121283	10	
Box: Red	Grey	GZ/8SJ RD	93121284	10	
Box: Black	Blue	GZ/8SJ BU/BK	93121285	10	
Potential distributor module (four upper boxes are yellow and four lower boxes are black)	Grey	GZ/8SJ FE YEBK	93121286	10	
Four upper boxes are black and four lower boxes are yellow.	Grey	GZ/8SJ FE BKYE	93121287	10	
		Accessories			
Partition with the width of 8.3 mm	Grey	G-GZ/8	93121271	10	
Row-type bridging strap that can be clamped	Grey	CDC-GZ	93121209	10	
Flat quick designation strip for identification of DP-PTRV ... partition, unprinted	White	ZBFM 6/9,2 S8:UNBEDRUCKT	93121210	10	
Horizontal identification with numbers of 1-8	White	ZBFM 6/9,2 S8, LGS:1-8	93121211	10	
Horizontal identification with letters of A-H	White	ZBFM 6/9,2 S8, LGS:A-H	93121212	10	
Vertical identification with numbers of 1-8	White	ZBFM 6/9,2 S8, QR:1-8	93121213	10	
Vertical identification with letters of A-H	White	ZBFM 6/9,2 S8, QR:A-H	93121214	10	
Identification based on the user's need	White	ZBFM 6/9,2 S8 CUS	93121215	1	



Potential Distributor Module, with Eight-Layer / 29 Terminal Positions. Used as Power Input Terminal, Bridging Allowed



- Up to 32 terminal positions reducing the potential distribution footprint
- Plug-in bridgware achieving custom-tailored adaptation of the potential distributor module
- Model with 6 mm² power cable and 32 A rated current available
- Blue and red models available, achieving unambiguous potential distribution
- Large-area identification option



GZB/8

Dimensions		Technical Data			
	[mm]	Width	Length	Height (TH 35/7,5)	
		8.3	100	87.5	
Maximum Electrical Data		I_{max} [A]	U_{max} [V]	Max Ø [mm ²]	AWG (UL)
		24	250	0.14 - 2.5	12-10
		IEC 60947-7-1			
		IEC / EN 60079-7			
Ratings					
Nominal working voltage	[V]	250			
Rated current / cross-section	[A] / [mm ²]	17.5 / 1.5			
Connection capacity	AWG	26-14			
Connection capacity		Rigid	Flexible	Crimp terminal with / without plastic sleeve	
Single conductor	[mm ²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Cross-section for directly pluggable connection	[mm ²]	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5
		IEC			
		IEC / EN 60079-7			
Ratings of feeder					
Rated current / cross-section	[A] / [mm ²]	32 / 4			
Maximum current	[A]	37			
Connection capacity	AWG	24-10			
Power connection capacity		Rigid	Flexible	Crimp terminal with / without plastic sleeve	
Single conductor	[mm ²]	0.2 - 6	0.2 - 6	0.2 - 6	0.2 - 6
Cross-section for directly pluggable connection	[mm ²]	0.34 - 6	-	0.34 - 6	0.34 - 6

Order Data				
Description	Color	Type	I_{max}	Part Number
Potential distributor module with PSU	Grey	GZB/8 BK		93121296
Box: Blue	Grey	GZB/8 BU		93121297
Box: Red	Grey	GZB/8 RD		93121298
Potential distributor module ¹⁾	Grey	GZB/8SJ BK		93121299
Box: Blue	Grey	GZB/8SJ BU		93121300
Box: Red	Grey	GZB/8SJ RD		93121301

Accessories				
Partition with the width of 8.3 mm	Grey	G-GZ/8		93121271
Plug-in jumper wire, 500 mm long, fixed-scale cutting, used for power distribution				
Nominal working current: 32 A	Red	FBST 500-PLC RD	32 A	93121241
	Grey	FBST 500-PLC GY	32 A	93121242
Flat quick designation strip for identification of DP-PTRV ... partition, unprinted	White	ZBFM 6/9.2 S8:UNBEDRUCKT		93121210
Horizontal identification with numbers of 1-8	White	ZBFM 6/9.2 S8,LGS:1-8		93121211
Horizontal identification with letters of A-H	White	ZBFM 6/9.2 S8,LGS:A-H		93121212
Vertical identification with numbers of 1-8	White	ZBFM 6/9.2 S8,QR:1-8		93121213
Vertical identification with letters of A-H	White	ZBFM 6/9.2 S8,QR:A-H		93121214
Identification based on the user's need	White	ZBFM 6/9.2 S8 CUS		93121215

Notes:	
1) Rated current of 17.5 A, 32 terminal positions	
2) Maximum current of 24 A for double terminal positions	



Accessories

- Space-saving group and end plate with breaking capacity
- Same shape as GZ/8...Dense Matrix Connection Unit



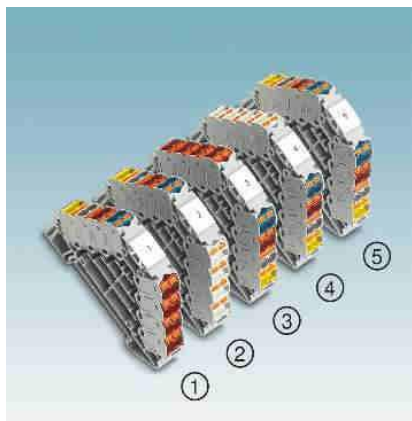
G-GZ/8



TM-GZ/8

General parameters		Technical Data			Technical Data		
Identification material		PA			PA		
Description		Order Data			Order Data		
	Color	Type	Part Number	Number of units/package quantity	Type	Part Number	Number of units/package quantity
Cover, group divisible design, unidentified							
	White	G-GZ/8 WH	93121311	10			
Vertical identification: numbers of 1-8	White	G-GZ/8 WH 1-8	93121312	10			
Horizontal identification: numbers of 1-8	White	G-GZ/8 WH 1-8 LGS	93121313	10			
Vertical identification: numbers of 8-1	White	G-GZ/8 WH 8-1	93121314	10			
Horizontal identification: numbers of 8-1	White	G-GZ/8 WH 8-1 LGS	93121315	10			
Vertical identification: numbers of 1-16	White	G-GZ/8 WH 1-16	93121316	10			
Horizontal identification: numbers of 1-16	White	G-GZ/8 WH 1-16 LGS	93121317	10			
Vertical identification: numbers of 9-16	White	G-GZ/8 WH 9-16	93121318	10			
Horizontal identification: numbers of 9-16	White	G-GZ/8 WH 9-16 LGS	93121319	10			
Vertical identification: numbers of 17-24	White	G-GZ/8 WH 17-24	93121320	10			
Horizontal identification: numbers of 17-24	White	G-GZ/8 WH 17-24 LGS	93121321	10			
Vertical identification: numbers of 25-32	White	G-GZ/8 WH 25-32	93121322	10			
Horizontal identification: numbers of 25-32	White	G-GZ/8 WH 25-32 LGS	93121323	10			
Vertical identification: letters of A-H	White	G-GZ/8 WH A-H	93121324	10			
Horizontal identification: letters of A-H	White	G-GZ/8 WH A-H LGS	93121325	10			
Vertical identification: letters of H-A	White	G-GZ/8 WH H-A	93121326	10			
Horizontal identification: letters of H-A	White	G-GZ/8 WH H-A LGS	93121327	10			
Vertical identification: letters of A-P	White	G-GZ/8 WH A-P	93121328	10			
Horizontal identification: letters of A-P	White	G-GZ/8 WH A-P LGS	93121329	10			
Designation strip without interference with clearance							
Vertical identification with numbers of 1-8	White				TM-GZ/8 QR1-8	93121330	10
Vertical identification with numbers of 8-1	White				TM-GZ/8 QR 8-1	93121331	10
Vertical identification with letters of A-H	White				TM-GZ/8 QR A-H	93121332	10
Vertical identification: letters of H-A	White				TM-GZ/8 QR H-A	93121333	10

Dense Matrix Connection Unit, with Color Configuration upon Request



- The dense matrix connection unit can be configured freely, and there are 11 colors for option.
- Color configuration based on layers
- Diversified connection distances are created for different groups.



GZ/4/COL-COL
GZ/8/COL-COL

Order Data					
Description	Color	Type	Part Number	Number of units/package quantity	
① Dense matrix connection unit with 4 positions; colors on the left can be configured freely; colors on the right: red	Grey	GZ/4 /COL-RD	① 93121334	10	
② Colors on the left can be configured freely; colors on the right: white	Grey	GZ/4 /COL-WH	① 93121335	10	
③ Colors on the left: red; colors on the right can be configured freely.	Grey	GZ/4 /RD-COL	① 93121336	10	
④ Colors on the left: white; colors on the right can be configured freely.	Grey	GZ/4 /WH-COL	① 93121337	10	
⑤ Colors on the left and right can be configured freely. Colors on each layer are the same.	Grey	GZ/4 /COL-COL	① 93121338	10	
① Dense matrix connection unit with 8 positions; colors on the left and right can be configured freely; right: four upper boxes in red, and four lower boxes in white	Grey	GZ/8 /COL-RDWH	① 93121339	10	
② Colors on the left can be configured freely; four upper boxes on the right: white; four lower boxes: red	Grey	GZ/8 /COL-WHRD	① 93121340	10	
③ Left: four upper boxes in red, and four lower boxes in white; colors on the right can be configured freely.	Grey	GZ/8 /RDWH-COL	① 93121341	10	
④ Left: four upper boxes in white, and four lower boxes in red; colors on the right can be configured freely.	Grey	GZ/8 /WHRD-COL	① 93121342	10	
⑤ Colors on the left and right can be configured freely. Colors on each layer are the same.	Grey	GZ/8 /COL-COL	① 93121343	10	

