SCREW TECHNOLOGY 2 LEVELS FEED-THROUGH TERMINAL BLOCKS

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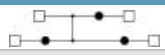
IMQ 17 ATEX 001 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx IMQ 17.0001U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details





GREY VERSION			PART NUMBER TYPE	DB400GR DBC.4/GR	DB417GR DBC.4/CI/GR
BEIGE VERSION			PART NUMBER TYPE		
BLUE VERSION			PART NUMBER TYPE	DB500 DBC.4 (EX)I	DB517 DBC.4/CI (EX)I
TECHNICAL CHARACTERISTICS					
Function/type				2 levels	2 levels with internal connection
Rated cross-section			(mm²)	4	4
Connecting capacity	Flexible		(mm²)	0.2 – 6	0.2 – 6
	Rigid		(mm²)	0.2 – 6	0.2 – 6
	Max. flexible with ferrule - ferrule type		(mm²)	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage		(V)	630	630
	Current with rated cross-section		(A)	32	32
	Section		Caliber	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage		(V)	600	600
	Current with rated cross-section		(A)	30	30
	Section Min-Max		(AWG)	20 - 10	20 - 10
	Tightening torque		(lb.in)	4.4	4.4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage		(V)	400	-
	Current with rated cross-section		(A)	28	-
	Operating temperature		(°C)	-40 ÷ +80	-
Rated impulse withstand voltage/pollution degree				8 KV / 3	8 KV / 3
Insulation stripping length			(mm)	9	9
tightening torque value Nominal / Max			(Nm)	0,5 / 1	0,5 / 1
Length			(mm)	70	70
Width			(mm)	6	6
Height mounted on TH35/7,5			(mm)	66	66
Height mounted on TH35/15			(mm)	74	74
Height mounted on G32			(mm)	-	-
Insulation material temperature index (EN 60216-1)			(°C)	130	130
Plastic material				Polyamide UL94V-0	Polyamide UL94V-0
APPROVALS					
ACCESSORIES					
End section	Grey			DBC.4/PT/GR (cod. DB401GR)	DBC.4/PT/GR (cod. DB401GR)
	Beige			-	-
	Blue			DBC.4/PT (Ex)i (cod. DB402)	DBC.4/PT (Ex)i (cod. DB402)
	Thickness		(mm)	1.5	1.5
Cross connection	PTC or other versions (1)			PTC/4/... (cod. PTC04...)	PTC/4/... (cod. PTC04...)
	PTP version (1)			PTP/4D/... (cod. PTP04D...)	PTP/4D/... (cod. PTP04D...)
	Rated current / Rated current ATEX applications		(A)	32 / 21 upper level - 24 lower level	32 / 21 upper level - 24 lower level
Cross connection identification strip	Green			PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Switchable cross connection				-	-
Multiple common bar	250 mm			-	-
Shunting screw and sleeve	Standard / Ex e version			-	-
	Internal jumper			-	-
	Internal jumper + external jumper			-	-
Coloured partition	Red			DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Cross connection barried (upper level)	Red			DFM/800 (cod. DF800) - DFM/900 (cod. DF900)	DFM/800 (cod. DF800) - DFM/900 (cod. DF900)
Cross connection barried (lower level)	Red			DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Cross connection barrier	Red			-	-
Test plug socket				-	-
Test plug				-	-
Modular test plug				-	-
Numbering strip				CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Single marking tag				CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
				CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Warning plate	On adjacent terminal blocks			-	-
Cover for cross-connection				-	-
End bracket	Snap-fit TH35 and G32			BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35			BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35			BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32			-	-

SCREW TECHNOLOGY 2 LEVELS FEED-THROUGH TERMINAL BLOCKS

CESI 03 ATEX 162 U
I M2 Ex eb I Mb
II 2 G Ex eb IIC Gb

IECEx CES 11.0007U
Ex eb I Mb
Ex eb IIC Gb

(1) See chapter accessories for more details





GREY VERSION			**PART NUMBER**	**DS100GR**
			TYPE	**DAS.4/GR**
BEIGE VERSION			**PART NUMBER**	**DS100**
			TYPE	**DAS.4**
BLUE VERSION			**PART NUMBER**	**DS200**
			TYPE	**DAS.4 (EX)I**
TECHNICAL CHARACTERISTICS				
Function/type				2 levels feed-through
Rated cross-section			(mm²)	4
Connecting capacity	Flexible		(mm²)	0.2 – 6
	Rigid		(mm²)	0.2 – 6
	Max. flexible with ferrule - ferrule type		(mm²)	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage		(V)	630
	Current with rated cross-section		(A)	30
	Section		Caliber	A4
Electrical characteristics According to UL	Max AC/DC Voltage		(V)	600
	Current with rated cross-section		(A)	20
	Section Min-Max		(AWG)	20 - 12
	Tightening torque		(lb.in)	8.9
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage		(V)	400
	Current with rated cross-section		(A)	28
	Operating temperature		(°C)	-40 ÷ +110
Rated impulse withstand voltage/pollution degree				8 KV / 3
Insulation stripping length			(mm)	9
tightening torque value Nominal / Max			(Nm)	0.5 / 1.2
Length			(mm)	64
Width			(mm)	6
Height mounted on TH35/7,5			(mm)	62
Height mounted on TH35/15			(mm)	70
Height mounted on G32			(mm)	66
Insulation material temperature index (EN 60216-1)			(°C)	130
Plastic material				Polyamide UL94V-0
APPROVALS				
ACCESSORIES				
End section	Grey			DAS/PT/GR (cod. DS101GR)
	Beige			DAS/PT (cod. DS101)
	Blue			DAS/PT (Ex)i (cod. DS201)
	Thickness		(mm)	1.5
Cross connection	PTC or other versions (1)			PM/.../... (cod. PM...)
	PTP version (1)			-
	Rated current / Rated current ATEX applications		(A)	30 / -
Cross connection identification strip	Green			-
Switchable cross connection				POS/43 (cod.POS43)
Multiple common bar	250 mm			PMP/58 (cod.PMP58)
Shunting screw and sleeve	Standard / Ex e version			CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)
	Internal jumper			DAS/VCI (cod. DS107)
	Internal jumper + external jumper			DAS/VCE (cod. DS108)
Coloured partition	Red			DFU/7/R (cod. DU07R)
Cross connection barried (upper level)	Red			-
Cross connection barried (lower level)	Red			-
Cross connection barrier	Red			-
Test plug socket				PSD/A (cod. PD001)
Test plug				SDD/1 (cod. DD001)
Modular test plug				-
Numbering strip				CNU/8/61 (cod. NU0861S)
Single marking tag				CNU/8/61 (cod. NU0861S)
				-
Warning plate	On adjacent terminal blocks			-
Cover for cross-connection				PRP/5 (cod. PRP05)
End bracket	Snap-fit TH35 and G32			BTU (cod. BT005)
	Snap-fit TH35			BTO (cod. BT007)
	Screw TH35			BT/3 (cod. BT003)
	Screw G32			BT/DIN/PO (cod. BT001)

DS117GR				
DAS.4/CI/GR				
DS117				
DAS.4/CI				
DS217				
DAS.4/CI (EX)I				
				2 levels with internal jumper mounted
				4
				0.2 – 6
				0.2 – 6
				4 - WP40/16
				630
				30
				A4
				600
				20
				20 - 12
				8.9
				-
				-
				-
				8 KV / 3
				9
				0.5 / 1.2
				64
				6
				62
				70
				66
				130
				Polyamide UL94V-0
				DAS/PT/GR (cod. DS101GR)
				DAS/PT (cod. DS101)
				DAS/PT (Ex)i (cod. DS201)
				1.5
				PM/.../... (cod. PM...)
				-
				30 / -
				-
				POS/43 (cod.POS43)
				PMP/58 (cod.PMP58)
				CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)
				-
				DAS/VCE (cod. DS108)
				DFU/7/R (cod. DU07R)
				-
				-
				-
				PSD/A (cod. PD001)
				SDD/1 (cod. DD001)
				-
				CNU/8/61 (cod. NU0861S)
				CNU/8/61 (cod. NU0861S)
				-
				-
				PRP/5 (cod. PRP05)
				BTU (cod. BT005)
				BTO (cod. BT007)
				BT/3 (cod. BT003)
				BT/DIN/PO (cod. BT001)

SCREW TECHNOLOGY 2 LEVELS FEED-THROUGH TERMINAL BLOCKS

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(1) See chapter accessories for more details

* Till the end of stock

			DS110GR*	DS400GR
GREY VERSION		PART NUMBER		
		TYPE	DAS.4/SS/GR	DSS.4/GR
BEIGE VERSION		PART NUMBER	DS110*	DS400
		TYPE	DAS.4/SS	DSS.4
BLUE VERSION		PART NUMBER		
		TYPE		
TECHNICAL CHARACTERISTICS				
Function/type			2 levels with solder lugs	2 levels disconnect
Rated cross-section		(mm²)	4	4
Connecting capacity	Flexible	(mm²)	0.2 – 6	0.2 – 6
	Rigid	(mm²)	0.2 – 6	0.2 – 6
	Max. flexible with ferrule - ferrule type	(mm²)	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	320-500	400
	Current with rated cross-section	(A)	20	24 upper level /32 lower level
	Section	Caliber	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	-	300
	Current with rated cross-section	(A)	-	24 upper level /32 lower level
	Section Min-Max	(AWG)	-	26 - 10
	Tightening torque	(lb.in)	-	4.4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V)	-	-
	Current with rated cross-section	(A)	-	-
	Operating temperature	(°C)	-	-
Rated impulse withstand voltage/pollution degree			4 KV / 3	6 KV / 3
Insulation stripping length		(mm)	9	9
tightening torque value Nominal / Max		(Nm)	0.5 / 1.2	0.5 / 1.2
Length		(mm)	80	78
Width		(mm)	6	6
Height mounted on TH35/7,5		(mm)	62	62
Height mounted on TH35/15		(mm)	70	70
Height mounted on G32		(mm)	66	66
Insulation material temperature index (EN 60216-1)		(°C)	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0
APPROVALS				
ACCESSORIES				
End section	Grey		DAS/PT/GR (cod. DS101GR)	DSS/PT/GR (cod. DS301GR)
	Beige		DAS/PT (cod. DS101)	DSS/PT (cod. DS301)
	Blue		-	-
	Thickness	(mm)	1.5	1.5
Cross connection	PTC or other versions (1)		PM/.../... (cod. PM...)	PTC/4/... (cod. PTC04...)
	PTP version (1)		-	PTP/4/... (cod. PTP04...)
	Rated current / Rated current ATEX applications	(A)	32 / -	32 / -
Cross connection identification strip	Green		-	PTC/SP (cod. PTC0990)
Switchable cross connection			POS/43 (cod.POS43)	-
Multiple common bar	250 mm		PMP/58 (cod.PMP58)	-
Shunting screw and sleeve	Standard / Ex e version		CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)	-
	Internal jumper		-	-
	Internal jumper + external jumper		-	-
Coloured partition	Red		DFU/7/R (cod. DU07R)	DFU/7/R (cod. DU07R)
Cross connection barried (upper level)	Red		-	DFM/500 (cod. DF500)
Cross connection barried (lower level)	Red		-	-
Cross connection barrier	Red		-	-
Test plug socket			PSD/A (cod. PD001)	-
Test plug			SDD/1 (cod. DD001)	-
Modular test plug			-	-
Numbering strip			CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)
Single marking tag			CNU/8/61 (cod. NU0861S)	CNU/8/51 (cod. NU0851S)
			CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Warning plate	On adjacent terminal blocks		-	-
Cover for cross-connection			PRP/5 (cod. PRP05)	-
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32		BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)

SCREW TECHNOLOGY 2 LEVELS TERMINAL BLOCKS WITH SPECIAL CONNECTIONS

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(1) See chapter accessories for more details

GREY VERSION	PART NUMBER	**FV100GR**	**FF100GR**
	TYPE	FVS.4/GR	FFS.4/GR
BEIGE VERSION	PART NUMBER	**FV100**	**FF100**
	TYPE	FVS.4	FFS.4
BLUE VERSION	PART NUMBER		
	TYPE		

TECHNICAL CHARACTERISTICS

Function/type			2 levels with special connections	2 levels with special connections
Rated cross-section		(mm²)	4	4
Connecting capacity	Flexible	(mm²)	0.2 – 6	0.2 – 6
	Rigid	(mm²)	0.2 – 6	0.2 – 6
	Max. flexible with ferrule - ferrule type	(mm²)	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V)	320	320
	Current with rated cross-section	(A)	20	20
	Section	Caliber	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	(V)	600	600
	Current with rated cross-section	(A)	20	20
	Section Min-Max	(AWG)	20 - 10	20 - 10
	Tightening torque	(lb.in)	8.9	8.9
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage	(V)	-	-
	Current with rated cross-section	(A)	-	-
	Operating temperature	(°C)	-	-
Rated impulse withstand voltage/pollution degree			6 KV / 3	6 KV / 3
Insulation stripping length		(mm)	12	12
tightening torque value Nominal / Max		(Nm)	0.5 / 1.2	0.5 / 1.2
Length		(mm)	64	64
Width		(mm)	6.5	6.5
Height mounted on TH35/7,5		(mm)	69	69
Height mounted on TH35/15		(mm)	77	77
Height mounted on G32		(mm)	73	73
Insulation material temperature index (EN 60216-1)		(°C)	130	130
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0
APPROVALS				

ACCESSORIES

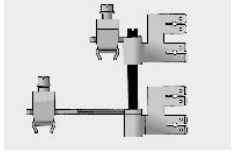
End section	Grey		FVS/PT/GR (cod. FV101GR)	FFS/PT/GR (cod. FF101GR)
	Beige		FVS/PT (cod. FV101)	FFS/PT (cod. FF101)
	Blue		-	-
	Thickness	(mm)	1.5	1.5
Cross connection	PTC or other versions (1)		PM/41/... (COD. PM41...)	PM/41/... (COD. PM41...)
	PTP version (1)		-	-
	Rated current / Rated current ATEX applications	(A)	32 / -	32 / -
Cross connection identification strip	Green		-	-
Switchable cross connection			POS/72 (cod. POS72)	POS/72 (cod. POS72)
Multiple common bar	250 mm		PMP/42 (cod. PMP42)	PMP/42 (cod. PMP42)
Shunting screw and sleeve	Standard / Ex e version		CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)	CPM/01 (cod. CPM01) - CPX/01 (cod. CPX01)
	Internal jumper		FVS/VCI (cod. FV107)	-
	Internal jumper + external jumper		FVS/VCE (cod. FV108)	-
Coloured partition	Red		DFU/6/R (cod. DU06R)	-
Cross connection barried (upper level)	Red		-	-
Cross connection barried (lower level)	Red		-	-
Cross connection barrier	Red		-	-
Test plug socket			PSD/A (cod. PD001)	PSD/A (cod. PD001)
Test plug			SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug			-	-
Numbering strip			CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)
Single marking tag			CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
			CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Warning plate	On adjacent terminal blocks		-	-
Cover for cross-connection			PRP/6 (cod. PRP06)	PRP/6 (cod. PRP06)
End bracket	Snap-fit TH35 and G32		BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35		BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35		BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Screw G32		BT/DIN/PO (cod. BT001)	BT/DIN/PO (cod. BT001)



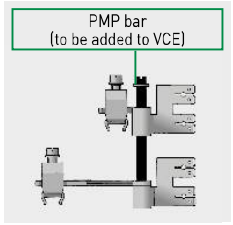
FVS/VCI - Cat. No. FV107
Shunting screws and sleeves for internal connection between the front and rear conducting bodies of terminal block type FVS.4



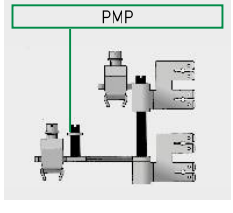
FVS/VCE - Code FV108
Screw and sleeve which, besides the internal connection, creates, using the PMP common bar, parallel between contiguous terminal blocks



VCI
internal cross connection



VCE
internal +
front adjoining cross-connection



VCI + PM
internal parallel +
rear adjoining cross connection