Disconnect Terminal Blocks for Test and Measurement, 6 mm²/30 A, **Through Terminal Blocks**

174 for Current and Voltage Transformer Circuits

500 V/6 kV/3 1 600 V, 30 A 71 IN 30 A

0.2 - 6 mm² AWG 24 - 10 300 V, 30 A@

Terminal block width 8 mm / 0.315 in 12 - 13 mm / 0.49 in 2

0.2 - 6 mm² 500 V/6 kV/3 1 600 V, 30 ARL IN 30 A

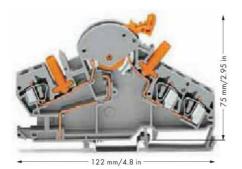
AWG 24 - 10 300 V, 5 A@

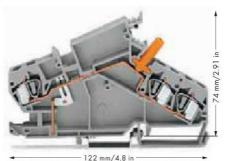
Terminal block width 8 mm / 0.315 in 12 - 13 mm / 0.49 in 2

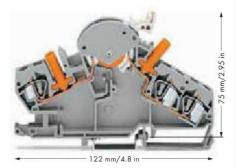
0.2 - 6 mm² 500 V/6 kV/3 0 600 V, 30 A 94 IN 30 A

AWG 24 - 10 300 V, 5 A@

Terminal block width 8 mm / 0.315 in 12 - 13 mm / 0.49 in 2







	Item No	o. Pac Un			Item No.	Pac Uni			Item No	. Pac	
Disconnect ter	rminal block	for test and		Through term	inal block,			Disconnect to	erminal block	or test and	
measurement	, e.g., current	transformer circu	iits,	e.g., current tra	nsformer circuits	,		measuremer	nt, e.g., for pote	ntial transforme	switch,
with touch-proo	f test plugs,			with touch-proc	of test plug			with touch-pro	of test plugs,		
orange disconn	ect link			**				disconnect link	c, light gray		
gray	282-87	0 🔘 🕄 🗗 20		gray	282-865	4 20		gray	282-860	3 4 20	
Item-Speci	fic Access	sories		Item-Speci	fic Accesso	ries		Item-Spec	ific Access	ories	
End and sepa	rator plate,	1.5 mm thick,		End and sepa	rator plate,			End and sep	arator plate, 1	.5 mm thick,	
	without use	of lock-out seal			1.5 mm thick				without use o	f lock-out seal	
mark the	orange	282-386	50 (5×10)	-	orange	282-385	50 (5×10)	and the same of	orange	282-386	50 (5×10
	gray	282-391	50 (5×10)		gray	282-390	50 (5×10)	William Property	gray	282-391	50 (5×10
End and sepa	0 /			WMB Multi m	arking system	2012/04/04/04/04/04/04		End and sep	arator plate, 1		
	for use of lo			-		, 10 markers pe	r card,		for use of loc		
a year	orange	282-387	50 (5×10)	Time	for 5 - 17.5 m		AND THE PROPERTY OF THE PARTY O	-	orange	282-387	50 (5×10
	gray	282-392	50 (5×10)	Miller	yellow	,			gray	282-392	50 (5×10
Lock-out device	- ,				A STATE OF THE STA	794-5553/	000-002	Lock-out dev	0 /		
	for disconne	ect link			., . ,	,, ,	5		for disconnec	et link	
-	yellow	282-384	100 (5×20)					-	yellow	282-384	100 (5×20
Locking cover	transparent						7	Locking cove	er, transparent,		
Locking Cover		y locks multiple l	inks					Locking cove		locks multiple l	inke
0	1-pole	282-881	50 (5×10)					0 4	1-pole	282-881	50 (5×10
11/100	2-pole	282-882	50 (5×10)					11/200	2-pole	282-882	50 (5×10
	3-pole	282-883	50 (5×10)						3-pole	282-883	50 (5×10
	4-pole	282-884	50 (5×10)						4-pole	282-884	50 (5×10
	5-pole	282-885	50 (5×10)						5-pole	282-885	50 (5×10
	6-pole	282-886	50 (5×10)						6-pole	282-886	50 (5×10
	7-pole	282-887	50 (5×10)						7-pole	282-887	50 (5×10
	An alexander	282-888	EUROSONIO SELECTIONO SE						on sensoppo	282-888	
	8-pole	202-000	50 (5×10)						8-pole	202-000	50 (5×10
Connecting str	rip.							Connecting s	trip.		
اللاس	- T-12	ng links or fuse h	olders,					-	50000	g links or fuse h	olders,
The state of the s	1 m/3'3" lo							-	1 m/3'3" los		
	transparent	210-254	ì					1	transparent	210-254	1
Adjacent jump			'Ale					WMB Multin	narking system	and the second desirated	116
	I _N 41 A									10 markers pe	r card.
13	orange	282-424	100 (4×25)					THITTE	for 5 - 17.5 i		en sere (#401 %)
WMB Multi m	arkina svete	·m.						3		0x) 794-5554	/000-006
		th 10 markers pe	r card						O/ 1 (60611 3		5
THE	for 5 - 17.5		, cara,								0
ALL LEVE	yellow	mili widili,									
-		(0x) 794-5553 /	000-002								
	K/ L (each 3	OA) /74-3333/	5								
			5								

0.2 - 6 mm² 500 V/6 kV/3 0 600 V, 3 A 94 IN 30 A

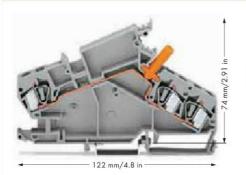
AWG 24 - 10 300 V, 5 A@

Terminal block width 8 mm / 0.315 in 12 - 13 mm / 0.49 in 2

0.2 - 6 mm² AWG 24 - 10

Terminal block width 8 mm / 0.315 in

12 - 13 mm / 0.49 in 2





- 1 500 V = rated voltage 6 kV = rated surge voltage 3 = pollution degree (also see Section 14)
- 2 Strip length, see packaging or instructions.
- Max. height when rotating the disconnect link (incl. locking cover): 92 mm/3.62 in
- 4 For operating stickers, please refer to our online cata-

for 28	2-8/0:	Item	No.	21	0-4	12
for 28	2-865:	Item	No.	21	0-4	15
for 28	2-860:	Item	No.	21	0-4	14
for 28	2-866:	Item	No.	21	0-4	13

Through termine e.g., for potential with touch-proof to	transformer swi								ppropriate ma	arking system	S	
		i [1]		Ground terminal block, e.g., for potential transformer switch,				(see Section 13)				
willi louch-proof it	act plug	rcn,		with touch-proof		icn,	-	Adiacontius	nper, insulated,			
	esi piug			wiiii ioucii-prooi	iesi piug			Adjacem jun	I _N 41 A			
gray	282-866	4 20		green-yellow	282-868 🤇	4 20			gray	282-402	100 (4×2	
								Alternate jui	mper, insulated,			
Item-Specific Accessories			Item-Specific Accessories				I _N 41 A gray 282-409 100 (4					
End and separa	itor plate,			End and separ	ator plate,			Protective w	arning marker	,		
	1.5 mm thick				1.5 mm thick				with high-volt	tage symbol, bl	ack,	
-	orange	282-385	50 (5×10)	-	orange	282-385	50 (5×10)	200	for 5 termina			
5	gray	282-390	50 (5×10)		gray	282-390	50 (5×10)	N. Labour	yellow	282-415	100 (4×2	
WMB Multi mar	king system,				- 			Wire commo	oning chain, 4	connections,		
200	10 strips with 10) markers per	card,						3 x 110 mm,			
THE STATE OF	or 5 - 17.5 mm	width,						000	insulated, IN	24 A		
Min	olue							1 1 1	black	709-110		
l	J/V (each 50x)	794-5554/	000-006					Wire commo	oning chain, 3	connections,		
			5					~~	2 x 120 mm,			
								α	insulated, I _N			
								1 1	black	709-111		
								Wire commoning chain, 3 connections,				
								~~	2 x 170 mm,			
								(1)	insulated, I _N			
									black	709-112		
								Group mark	and the second second			
								15	The second secon	Series transfor	mer termina	
								- 10	blocks, angle			
								489	gray	209-144	50 (2×2	
								WMB Multi	marking syster		48	
										10 markers pe	er card,	
								all Him	for 5 - 17.5 r			
									plain	793-501		
								WMB Multi	marking syster			
							-			10 markers pe	er card,	
									for 5 - 17.5 r		00.000	
								Marie Marie	yellow	793-501/0		
									red blue	793-501/0 793-501/0		
									gray	793-501/0		
									orange	793-501/0		
									light green	793-501/0		
									green	793-501/0		
									violet	793-501/0		
									VIOLEI	773-301/0	00-024	



Transverse Switching Terminal Blocks and Longitudinal Switching Disconnect Terminal Blocks, 282 Series - Description and Handling -

176 Commoning



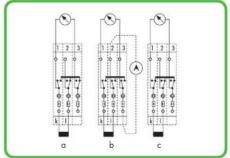
Transverse switching terminal blocks Left: Adjacent jumper for commoning of switching lever Right: Commoning with orange jumper

Switch positions



Left: closed Right: open

Current transformer circuit



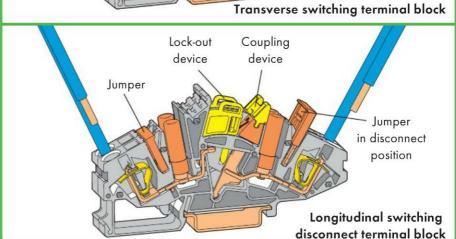
via transverse switching terminal blocks a = Normal operation b = Measured value testc = Transformer short-circuit

Testing



Testing with touchproof test plugs 4 mm Ø. (not offered by WAGO) e.g., mfd by Multi-Contact Deutschland GmbH

Lock-out Adjacent Coupling jumper for device device switching Jumper lever Transverse switching terminal block



CAGE CLAMP® connection



Conductor termination

Lock-out



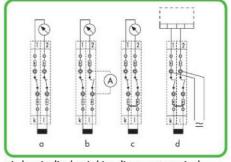
Inserting lock-out device

Commoning



Longitudinal switching disconnect terminal blocks

Current transformer circuit



via longitudinal switching disconnect terminal

a = Normal operation b = Measured value test c = Transformer short-circuit d = Relay test

CAGE CLAMP® clamps the following copper conductors:

stranded

fine-stranded, also with tinned single strand

fine-stranded, tip bonded

fine-stranded, with ferrule 1 (gastight crimped) fine-stranded, with pin terminal (gastight crimped)

Transverse Switching Terminal Blocks and Longitudinal Switching Disconnect Terminal Blocks 6 mm², 282 Series e.g., Current Transformer Circuits

CAGE CLAMP®

0.2 - 6 mm² IN 30 A

AWG 24 - 10 500 V/6 kV/3 0 600 V, 30 A 91

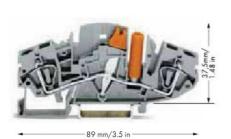
300 V, 36 A@

Terminal block width 8 mm / 0.315 in 12 - 13 mm / 0.49 in 2

0.2 - 6 mm² 500 V/6 kV/3 1 600 V, 30 A 71 IN 30 A

AWG 24 - 10 300 V, 36 A@

Terminal block width 8 mm / 0.315 in 12 - 13 mm / 0.49 in 2





98 mm/3.86 in

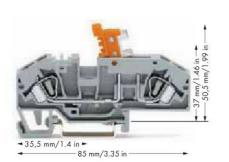
- 1 500 V = rated voltage 6 kV = rated surge voltage 3 = pollution degree (also see Section 14)
- 2 Strip length, see packaging or instructions.
- Max. height when rotating the disconnect link (incl. locking cover): 45 mm/1.77 in For operating stickers, please refer to our online catalog: for 282-811: Item No. 210-424

for 282-821: Item No. 210-423

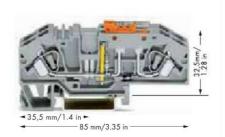
	Item No	Pack. Unit			Item No).	Pack. Unit	282 Series				
2-conductor	transverse sw	2000000	al block,	2-conductor le	ongitudinal s	witching termin	10000000	Appropriate marking systems:				
with touch-pro		J		with touch-proc		3	,		WMB/Mi	niature WSB		
for test plug 4	mm Ø			for test plug 4	mm Ø			Collective car	rier for jum	pers,		
gray		3 20		gray	282-821	0 0	20			s for transverse s	witing termin	
,								DISTRIB	DOS TAN DESTRUCTION	2-811) and longi	100	
				2-conductor t	hrough termi	nal block,		-		terminal block (
				with touch-proc	of test plugs				gray	282-369		
				gray	282-841		20					
				2-conductor t	hrough termi	nal block,						
				without test soc	:kets			WMB Multi marking system,				
				gray	282-841	/049-000	20	Bre	10 strips w	rith 10 markers p	er card,	
Item-Snec	ific Access	ories		Item-Spec	ific Access	ories		ALTERNA .	for 5 - 17.	5 mm width,		
nem-spec	inc Access	Offes		Item-Specific Accessories			Min	yellow				
End and sep	arator plate,			End and sepa	ırator plate,				K/L (each	50x) 794-5553	/000-002	
	1.5 mm thick				1.5 mm thick							
	orange	282-366	50 (5×10)	-	orange	282-365	50 (5×10)					
	gray	282-361	50 (5×10)		gray	282-360	50 (5×10)					
Adjacent jum	nper for switch	ing lever, insu	lated,					WMB Multi m				
-	orange,							m	**************************************	vith 10 markers p	er card,	
-	I _N 30 A							THITTE		5 mm width,		
100	2-way	282-442	50 (5×10)					Mr	blue			
	3-way	282-443	50 (5×10)						U/V (each	50x) 794-555	4/000-006	
	4-way	282-444	50 (5×10)									
	5-way	282-445	50 (5×10)									
	6-way	282-446	50 (5×10)									
Accessori	es											
								Screwless end				
		Appropriate	marking sy	stem: WMB/	Mini-WSB			Screwless end	for DIN 35	AND THE RESERVE AND THE RESERV		
		Appropriate			Mini-WSB			Screwiess end	for DIN 35 6 mm/0.2	36 in wide	100 /4-2	
Lack out day		Appropriate	marking sy (see Sec	tion 13)				19.	for DIN 35 6 mm/0.2 gray	AND THE RESERVE AND THE RESERV	100 (4×2	
Lock-out dev	rice,				ırning marke		ack	Screwless end	for DIN 35 6 mm/0.2 gray stop,	36 in wide 249-116	100 (4×2	
Lock-out dev	rice, for disconne	ct link	(see Sec	tion 13)	rning marke with high-vol	tage symbol, blo	ack,	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35	36 in wide 249-116	100 (4×2	
Lock-out dev	rice,			tion 13)	with high-vol	tage symbol, blo Il blocks		19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
4	for disconner yellow	ct link	(see Sec	Protective wa	with high-vol for 5 termina yellow	tage symbol, blo	ack, 100 (4×25)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35	36 in wide 249-116		
4	for disconner yellow	ct link 282-370	(see Sec	tion 13)	with high-vol for 5 termino yellow uted,	tage symbol, blo Il blocks		19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
4	for disconner yellow vice, mechanically	ct link	(see Sec	Protective wa	with high-vol for 5 termino yellow ited, I _N 30 A,	tage symbol, blo Il blocks		19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
Lock-out dev	for disconner yellow vice, mechanically yellow	ct link 282-370	(see Secondary 100 (4x25)	Protective wa	with high-vol for 5 termino yellow ated, I _N 30 A, orange	tage symbol, blo Il blocks	100 (4×25)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
4	for disconner yellow vice, mechanically yellow 2-way	ct link 282-370 y locks multiple	(see Sec 100 (4×25) links, 50 (5×10)	Protective wa	with high-vol for 5 termino yellow ated, I _N 30 A, orange 2-way	tage symbol, blo il blocks 282-415	100 (4×25) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
4	for disconner yellow vice, mechanically yellow	ct link 282-370 y locks multiple 282-372	(see Secondary 100 (4x25)	Protective wa	with high-vol for 5 termino yellow ated, I _N 30 A, orange	tage symbol, blo il blocks 282-415 282-432	100 (4×25)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide	100 (4×2 50 (2×2	
4	for disconner yellow vice, mechanically yellow 2-way 3-way	282-370 y locks multiple 282-372 282-373	(see Sec 100 (4×25) links, 50 (5×10) 50 (5×10)	Protective wa	with high-vol for 5 termina yellow ated, I _N 30 A, orange 2-way 3-way	tage symbol, blo il blocks 282-415 282-432 282-433	50 (5×10) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
4	for disconner yellow vice, mechanically yellow 2-way 3-way	282-370 y locks multiple 282-372 282-373	(see Sec 100 (4×25) links, 50 (5×10) 50 (5×10)	Protective wa	with high-vol for 5 termina yellow ated, I _N 30 A, orange 2-way 3-way 4-way	282-432 282-433 282-434	50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
Coupling dev	for disconner yellow vice, mechanically yellow 2-way 3-way 4-way	282-370 y locks multiple 282-372 282-373	(see Sec 100 (4×25) links, 50 (5×10) 50 (5×10)	Protective wa	with high-vol for 5 termina yellow ated, I _N 30 A, orange 2-way 3-way 4-way 5-way	282-415 282-432 282-433 282-434 282-435	50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
Coupling dev	for disconner yellow vice, mechanically yellow 2-way 3-way 4-way	282-370 y locks multiple 282-372 282-373	(see Sec 100 (4×25) links, 50 (5×10) 50 (5×10)	Protective wa	with high-vol for 5 termina yellow ated, I _N 30 A, orange 2-way 3-way 4-way 5-way 6-way	282-415 282-432 282-433 282-434 282-435 282-436	50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
Coupling dev	for disconner yellow vice, mechanically yellow 2-way 3-way 4-way	282-370 y locks multiple 282-372 282-373	(see Sec 100 (4×25) links, 50 (5×10) 50 (5×10)	Protective wa	with high-vol for 5 termina yellow tited, I _N 30 A, orange 2-way 3-way 4-way 5-way 6-way 7-way	282-432 282-433 282-433 282-434 282-435 282-436 282-437	50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
Coupling dev	for disconner yellow vice, mechanically yellow 2-way 3-way 4-way cial design, I _N 30 A,	282-370 y locks multiple 282-372 282-373	(see Secondary (see S	Protective wa	with high-vol for 5 termino yellow tited, I _N 30 A, orange 2-way 3-way 4-way 5-way 6-way 7-way 8-way	282-432 282-433 282-433 282-434 282-435 282-436 282-437 282-438	50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
Coupling dev	for disconner yellow vice, mechanically yellow 2-way 3-way 4-way cial design, I _N 30 A, orange	ct link 282-370 y locks multiple 282-372 282-373 282-374	(see Secondary (see S	Protective wa	with high-vol for 5 termino yellow tited, I _N 30 A, orange 2-way 3-way 4-way 5-way 6-way 7-way 8-way 9-way	282-432 282-433 282-433 282-434 282-435 282-436 282-437 282-438 282-439	50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		
4	for disconner yellow vice, mechanically yellow 2-way 3-way 4-way cial design, I _N 30 A, orange 3-way,	ct link 282-370 y locks multiple 282-372 282-373 282-374	(see Secondary (see S	Protective wa	with high-vol for 5 termino yellow tited, I _N 30 A, orange 2-way 3-way 4-way 5-way 6-way 7-way 8-way 9-way	282-432 282-433 282-433 282-434 282-435 282-436 282-437 282-438 282-439	50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10) 50 (5×10)	19.	for DIN 35 6 mm/0.2 gray I stop, for DIN 35 10 mm/0.	36 in wide 249-116 5 rail, 394 in wide		

Disconnect and Ground Conductor Disconnect Terminal Blocks 6 mm²/30 A and Through Terminal Blocks of Same Profile 178 282 Series

0.2 - 6 mm² AWG 24 - 10 0.2 - 6 mm² AWG 24 - 10 AWG 24 - 10 400 V/6 kV/3 1 600 V, 30 A 91 800 V/8 kV/3 1 600 V, 30 A 71 600 V, 40 A@ 300 V, 36 A@ IN 30 A I_N 41 A Terminal block width 8 mm / 0.315 in Terminal block width 8 mm / 0.315 in Terminal block width 16 mm / 0.63 in 12 - 13 mm / 0.49 in 2 12 - 13 mm / 0.49 in 2 12 - 13 mm / 0.49 in 2







	Item No.	Pack. Unit			Item No.	Pack. Unit			Item No.	Pack. Unit
2-conductor	disconnect termin	al block,		3-conductor	through termina	l block,		Ground conduc	tor disconnect te	rminal block,
with test point	t,			with test point	t,			with test point,		
orange disco	nnect link			same profile o	as disconnect termi	nal blocks		orange disconne	ct link, gray	
gray	282-697	25		gray	282-699 (25		AC/DC 24 V	282-640	12
blue	282-695	25		blue	282-694	25		AC/DC 48 V	282-641	12
								AC/DC 120 V	282-638	12
								AC/DC 230 V	282-639	12
Other termin	nal blocks with the	same pro	ofile:	Other termin	nal blocks with th	ie same prof	ile:	Other terminal	blocks with the s	ame profile:
Through	282-699	Page 178	3	Disconnect	282-697	Page 178		Through	282-699	Page 178
		J		Ground cond	. disc. 282-640	Page 178		3		3
				Fuse	282-696	Page 180				
Item-Spe	cific Accessori	es			cific Accessor					
-	mper, insulated,				nper, insulated,					
	I _N 41 A			-	I _N 41 A					
62		282-402	100 (4×25)	67	gray	282-402	100 (4×25)			
111	3-7		, , , , , , , , ,	10	3 - 7		, , , , , , , , , , , , , , , , , , , ,			
Alternate ju	mper, insulated,			Alternate jui	mper, insulated,					
	I _N 41 A			-112-	I _N 41 A					
1		282-409	100 (4×25)	17	gray	282-409	100 (4×25)			
1.1	G/		,	1.1	3 -7		, , , , , , , , , , , , , , , , , , , ,			
Test plug ad	lapter, 8 mm wide,			Test plug ad	apter, 8 mm wide	,				
	for terminal bloc	ks 1.5 - 10	mm²,		for terminal blo		nm²,			
	for test plug 4 mi	m Ø		- 0	for test plug 4 r	nm Ø				
1		209-170	50 (2×25)	1	gray	209-170	50 (2×25)			
Accessor				Appro	opriate marking (see Sectio		/МВ			
End plate, 2		282-333	100 (4×25)							
-	3	282-334	100 (4x25)							
	gray	102-334	100 (4,25)							
Protective w	arning marker,									
	with high-voltage	symbol b	lack							
100	for 5 terminal blo									
The Later		282-405	100 (4×25)							
Screwless e		-32 700	.00 (4,20)							
	for DIN 35 rail,									
1000	6 mm/0.236 in	wide								
1-1		249-116	100 (4×25)							
Screwless e										
	for DIN 35 rail,									
distri	10 mm/0.394 ir	wide								
- A	Control of the Contro	249-117	50 (2×25)							
	0/		(====)							

CAGE CLAMP®

3

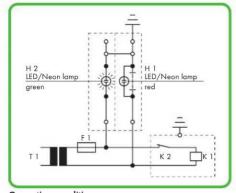
Disconnect and Ground Conductor Disconnect Terminal Blocks



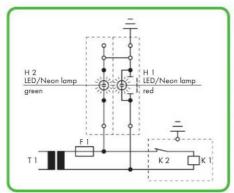
Ground conductor disconnect terminal block - top view

400 V/800 V = rated voltage 6 kV/8 kV = rated surge voltage 3 = pollution degree (also see Section 14)

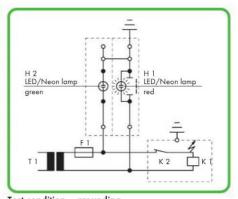
2 Strip length, see packaging or instructions.



Operating condition Slide link closed, auxiliary circuit grounded, green lamp illuminates.



Test condition – no grounding Slide link open, auxiliary circuit not grounded.



Test condition – grounding Slide link open, auxiliary circuit not grounded, red lamp illuminates.



Testing via conductor entry . . .



. . . or jumper contact position in current bar.

IEC 60204/DIN VDE 0113 "Electrical equipment of industrial machines, part 1: General requirements" 9.4.3.1:

Ground faults on control circuits shall not cause unintentional starting, hazardous movements, or prevent stopping of the machine.

In order to fulfill this requirement, bonding to the protective bonding circuit shall be provided in accordance with 8.2 and the devices shall be connected as described in 9.1.4. Control circuits fed from a transformer and not connected to the protective bonding circuit shall be provided with an insulation monitoring device (e.g., residual current device) which either indicates an ground fault or interrupts the circuit automatically after an ground fault.

In the case of electronic circuits, the connection of one side of the control circuit to the protective bonding circuit in accordance with 9.1.4 can prevent unintentional operation. When this does not help, or if due to other reasons electronic circuits cannot be connected to the protective bonding circuit, other measures shall be taken to achieve the same level of safety.



Supply via disconnect. All-pole disconnection of the commoned fuse terminal blocks.

Where the control circuit is directly connected between the phase conductors of the supply or between a phase conductor and a neutral conductor, which is either not grounded or grounded through a high impedance, multipole control switches which interrupt all live conductors shall be used for start or stop of those machine functions, which can cause a hazardous condition or damage to the machine or to the work in progress, in the event of unintentional starting or failure to stop.

