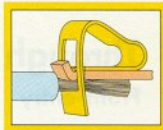


Through Terminal Blocks

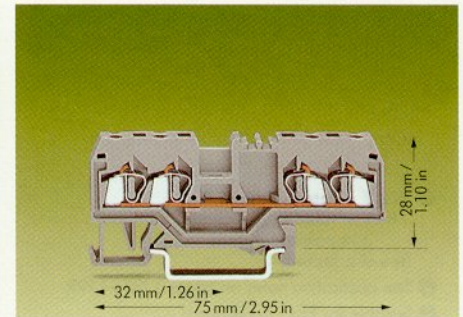
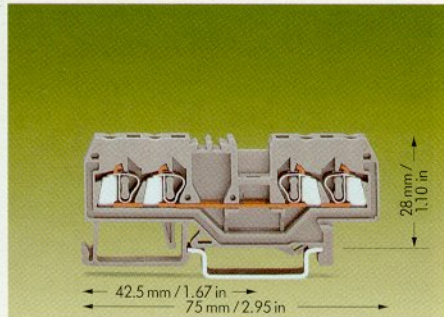
Front-entry

CAGE CLAMP®



<p>0.08 – 2.5 mm² AWG 28 – 12 800 V/8 kV/3 ① 600 V, 20 A ② 20 A 600 V, 15 A ③</p> <p>Terminal block width 5 mm / 0.197 in 8 – 9 mm / 0.33 in</p> <p>* </p>	<p>0.08 – 2.5 mm² AWG 28 – 12 800 V/8 kV/3 600 V, 20 A ② 20 A 600 V, 25 A ③</p> <p>Terminal block width 5 mm / 0.197 in 8 – 9 mm / 0.33 in</p> <p>* </p>
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- ① 800 V = rated voltage
 8 kV = rated surge voltage
 3 = pollution degree
 (see also section 10)
- ② See application notes on pages 1.197 – 1.199
- ③ Suitable for EEx i applications



Description	Item-No.			Pack.-unit pcs	Item-No.			Pack.-unit pcs			
	grey	red	black		orange	grey	black				
Through terminal block, for DIN 35 rail	4-conductor through terminal blocks				4-conductor through terminal blocks						
	grey	280-833	red	280-830	100	grey	280-633	100			
	blue	280-834 ①	black	280-831	100	blue	280-634 ①	100			
	orange	280-835	yellow	280-832	100	orange	280-603	100			
Spacer of same shape	orange	280-835/056-000			100						
Accessories (see also section 8)	Appropriate marking system WMB/WSB/WFB				Appropriate marking system WMB/WSB/WFB						
	End and intermediate plate	2.5 mm / 0.098 in thick			280-315	280-314	100 (4 x 25)	2.5 mm / 0.098 in thick	280-315	280-314	100 (4 x 25)
	Separator, oversized	2 mm / 0.079 in thick			280-335	280-334	100 (4 x 25)	2 mm / 0.079 in thick	280-335	280-334	100 (4 x 25)
	Insulation stop ②, white 5 pcs / strip	0.08 – 0.2 mm ² ②	280-470	200 strips	0.08 – 0.2 mm ² ②	280-470	200 strips	0.08 – 0.2 mm ² ②	280-470	200 strips	
	light grey	0.25 – 0.5 mm ²	280-471	200 strips	0.25 – 0.5 mm ²	280-471	200 strips	0.25 – 0.5 mm ²	280-471	200 strips	
	dark grey	0.75 – 1 mm ²	280-472	200 strips	0.75 – 1 mm ²	280-472	200 strips	0.75 – 1 mm ²	280-472	200 strips	
	Adjacent jumper, insulated	I _N 24 A			I _N 24 A			I _N 24 A			
	grey		280-402	200 (8 x 25)	grey		280-402	200 (8 x 25)	grey		
	yellow-green		280-422	200 (8 x 25)	yellow-green		280-422	200 (8 x 25)	yellow-green		
	Alternate jumper, insulated	I _N 24 A			I _N 24 A			I _N 24 A			
	grey		280-409	100 (4 x 25)	grey		280-409	100 (4 x 25)	grey		
	Staggered jumper ②, from 1 to 2 insulated, from 1 to 3 width 5 mm / 0.197 in from 1 to 4 from 1 to 5 : from 1 to 8	I _N 24 A	780-452	100 (4 x 25)	I _N 24 A	780-452	100 (4 x 25)	I _N 24 A	780-452	100 (4 x 25)	
			780-453	100 (4 x 25)		780-453	100 (4 x 25)		780-453	100 (4 x 25)	
			780-454	100 (4 x 25)		780-454	100 (4 x 25)		780-454	100 (4 x 25)	
			780-455	50 (2 x 25)		780-455	50 (2 x 25)		780-455	50 (2 x 25)	
			780-458	50 (2 x 25)		780-458	50 (2 x 25)		780-458	50 (2 x 25)	
	Push-in type wire jumper ②, insulated, 9 A – conductor cross section 0.75 mm ² /AWG 18	L = 60 mm / 2.362 in	249-125	10	L = 60 mm / 2.362 in	249-125	10	L = 60 mm / 2.362 in	249-125	10	
		L = 110 mm / 4.331 in	249-126	10	L = 110 mm / 4.331 in	249-126	10	L = 110 mm / 4.331 in	249-126	10	
		L = 250 mm / 9.843 in	249-127	10	L = 250 mm / 9.843 in	249-127	10	L = 250 mm / 9.843 in	249-127	10	
	Protective warning marker, for 5 terminal blocks, fits into screwdriver slot	yellow	280-415	100 (4 x 25)	yellow	280-415	100 (4 x 25)	yellow	280-415	100 (4 x 25)	
	Modular test plug adapter, for test using jumper position in current bar or cond. wire opening	Item-Nos and application notes see pages 1.194 to 1.196			Item-Nos and application notes see pages 1.194 to 1.196						
	Test plug adapter, suitable for terminal blocks 1.5 mm² – 4 mm²/AWG 16 – 12	5 mm / 0.197 in wide	280-404	100 (4 x 25)	5 mm / 0.197 in wide	280-404	100 (4 x 25)	5 mm / 0.197 in wide	280-404	100 (4 x 25)	
	for test plug 210-137 (2.3 mm / 0.091 in ∅)				for test plug 210-137 (2.3 mm / 0.091 in ∅)			for test plug 210-137 (2.3 mm / 0.091 in ∅)			
	Test plug adapter, suitable for terminal blocks 1.5 mm² – 10 mm²/AWG 16 – 8	8 mm / 0.315 in wide	209-170	50 (2 x 25)	8 mm / 0.315 in wide	209-170	50 (2 x 25)	8 mm / 0.315 in wide	209-170	50 (2 x 25)	
	for test plug 4 mm / 0.157 in ∅				for test plug 4 mm / 0.157 in ∅			for test plug 4 mm / 0.157 in ∅			
	Test plug, 6 mm / 0.236 in wide with CAGE CLAMP® for 0.08 mm² – 2.5 mm²/AWG 28-14	I _N 24 A	281-407	100 (4 x 25)	I _N 24 A	281-407	100 (4 x 25)	I _N 24 A	281-407	100 (4 x 25)	
	Other terminal blocks with the same shape	gr. (earth) cond.	280-837	page 1.50	gr. (earth) cond.	280-677	page 1.51	gr. (earth) cond.	280-677	page 1.51	
		sh. (screen) cond.	280-838	page 1.50	sh. (screen) cond.	280-678	page 1.51	sh. (screen) cond.	280-678	page 1.51	
		disc., test a. meas.	280-836 a. 280-829	page 1.119	disc., test a. meas.	280-685 a. 280-649	page 1.119	disc., test a. meas.	280-685 a. 280-649	page 1.119	
		double potential	280-826	page 1.27	double potential	280-826	page 1.27	double potential	280-826	page 1.27	
		carrier term. bl.	280-816	page 1.141	carrier term. bl.	280-686	page 1.141	carrier term. bl.	280-686	page 1.141	
		diode	280-815 / ...	page 1.175	diode	280-655 / ...	page 1.175	diode	280-655 / ...	page 1.175	
		LED	280-809 / ...	page 1.179	LED	280-658 / ...	page 1.179	LED	280-658 / ...	page 1.179	

* For further approvals with corresponding ratings see pages 10.3 ff.