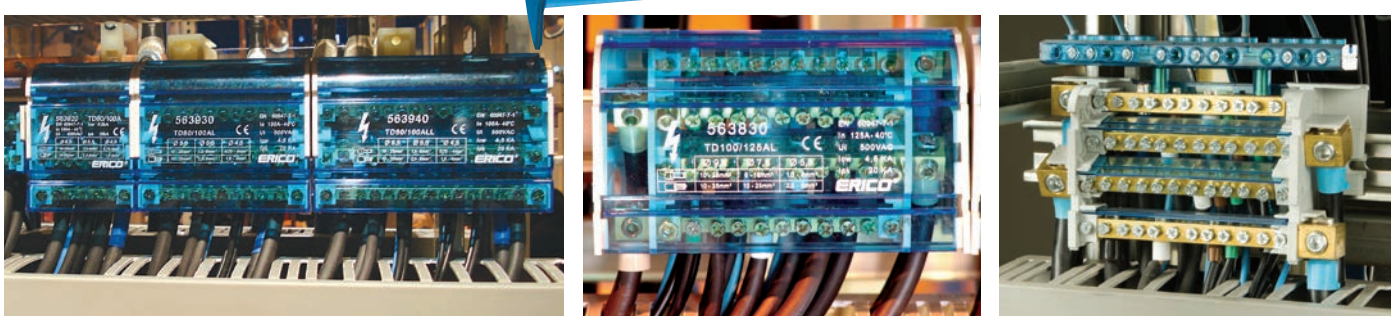
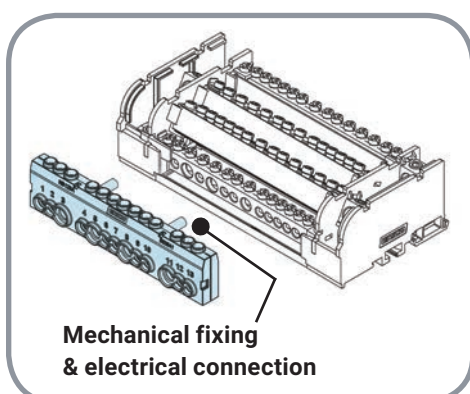
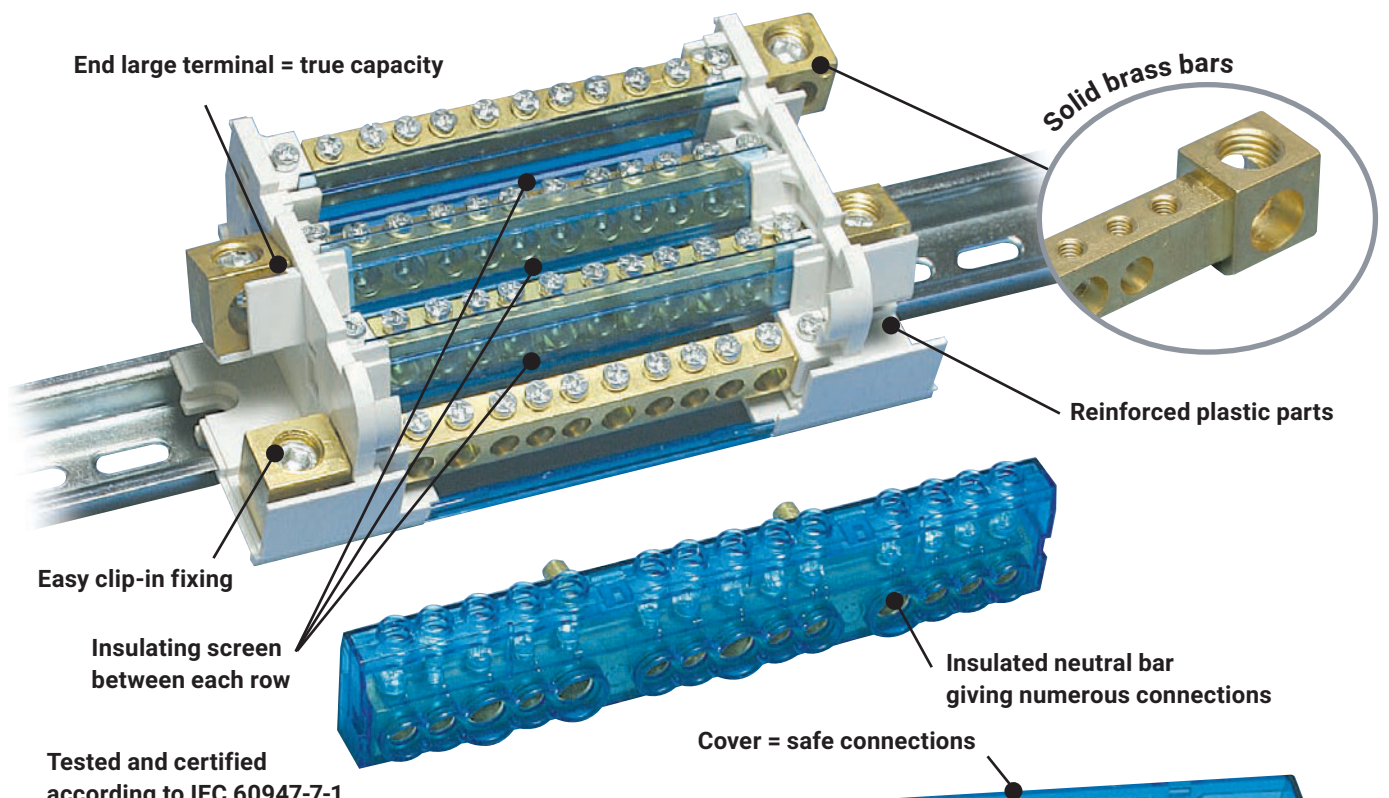


Two and Four Pole Distribution Blocks

MAIN FEATURES



Two and Four Pole Distribution Blocks

– Quick Selection Guide

TWO POLE (BD SERIES) AND FOUR POLE (TD SERIES) DISTRIBUTION BLOCKS – QUICK SELECTION GUIDE

Part number	Article number	Max IEC Current	Max UL Current	Nbre of poles / phases	Line side: Nbre of connection per phase	Line side Min and Max conductor size	Load side: Nbre of connection per phase	Load side Min and Max conductor size	Max working voltage IEC	Max working voltage UL
BD-40A	563720	40 A	–	2	2 Cables	6–16 mm ²	15 Cables	0.75–4 mm ²	500 VAC/DC	–
TD-40A	563740	40 A	–	4	2 Cables	6–16 mm ²	11 Cables	0.75–4 mm ²	500 VAC	–
BD-80-100A	563900	100 A	–	2	1 Cable	10–25 mm ²	6 Cables	(3) 0.75–4 mm ² (3) 1.5–6 mm ²	500 VAC/DC	–
BD-80-100AL	563910	100 A	–	2	2 Cables	10–25 mm ²	13 Cables	(6) 0.75–4 mm ² (7) 1.5–6 mm ²	500 VAC/DC	–
TD-80-100A	563920	100 A	–	4	1 Cable	10–25 mm ²	6 Cables	(3) 0.75–4 mm ² (3) 1.5–6 mm ²	500 VAC	–
TD-80-100AL	563930	100 A	–	4	2 Cables	10–25 mm ²	9 Cables	(4) 0.75–4 mm ² (5) 1.5–6 mm ²	500 VAC	–
TD-80-100ALL	563940	100 A	–	4	2 Cables	10–25 mm ²	13 Cables	(6) 0.75–4 mm ² (7) 1.5–6 mm ²	500 VAC	–
BD-100-125A	563800	125 A	–	2	1 Cable	10–35 mm ²	6 Cables	(5) 1.5–6 mm ² (1) 6–16 mm ²	690 VAC/DC	–
BD-100-125AL	563810	125 A	–	2	1 Cable	10–35 mm ²	14 Cables	(11) 1.5–6 mm ² (3) 6–16 mm ²	690 VAC/DC	–
TD-100-125A	563820	125 A	–	4	1 Cable	10–35 mm ²	6 Cables	(5) 1.5–6 mm ² (1) 6–16 mm ²	690 VAC	–
TD-100-125AL	563830	125 A	–	4	1 Cable	10–35 mm ²	10 Cables	(7) 1.5–6 mm ² (3) 6–16 mm ²	690 VAC	–
TD-100-125ALL	563840	125 A	–	4	1 Cable	10–35 mm ²	14 Cables	(11) 1.5–6 mm ² (1) 6–16 mm ² (2) 10–25 mm ²	690 VAC	–
TD-160A	563200	160 A	–	4	1 Cable	10–50 mm ²	11 Cables	(1) 2.5–6 mm ² (7) 2.5–16 mm ² (3) 10–35 mm ²	690 VAC	–
TD-160AL	563990	160 A	–	4	1 Cable	10–50 mm ²	11 Cables	(8) 2.5–16 mm ² (3) 10–35 mm ²	690 VAC	–
TDL-400A	563995	400 A	400 A	4	1 Cable or 1 Flexibar	35–120 mm ² 1/0–250 kcmil Flexibar 6x24x1 max	14 Cables	(1) 10–50 mm ² (2) 10–35 mm ² (4) 6–25 mm ² (7) 2.5–16 mm ² (1) #6–1/0 (2) #8–#1 (4) #10–#3 (7) #10–#5	1,000 VAC, 1,500 VDC	600 VAC/DC

Two and Four Pole Distribution Blocks

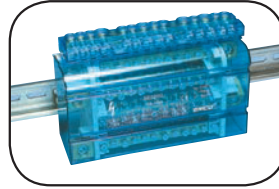
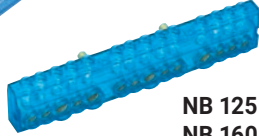
BD 40 A
BD 80/100 A



TD 40 A
TD 80/100 A



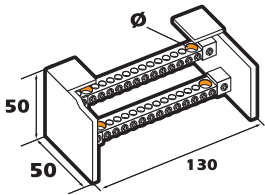
NB 125 A
NB 160 A



- Minimum space for maximum power
- Easy connections
- Protection: Transparent cover and screen
- Self extinguishing: UL94 V-0
- Safe connections
- DIN Rail or screw mounting
- Halogen Free
- Rohs Compliant
- IEC 60947-7-1

2 & 4 pole 40 A

2 pole BD 40 A

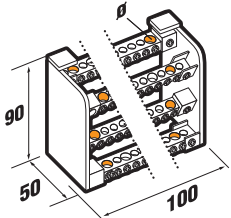


I = 40 A IEC
• I_{cw} kA rms 1s: 4.5
• I_{pk} kA: 22
• U_i: 500 VCA/CC

BD 40 A - 16 TERMINALS

	mm ²	mm ²	Ø mm
	6-16	4-10	x2 6
	1.5-4	0.75-4	x15 4.3

4 pole TD 40 A



I = 40 A IEC
• I_{cw} kA rms 1s: 4.5
• I_{pk} kA: 22
• U_i: 500 V_{CA}

TD 40 A - 12 TERMINALS

	mm ²	mm ²	Ø mm
	6-16	4-10	x2 6
	1.5-4	0.75-4	x11 4.3

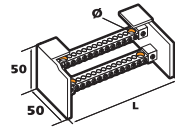
* Center to drilling :
• BD 40 A = 110 mm
• TD 40 A = 80 mm

Art. Nr.	Description	kg/lbs
563720	BD 40 A	0.22/0.49
563740	TD 40 A	0.33/0.73

- Rigid stranded cable
- Flexible stranded cable

2 & 4 pole 80/100 A

2 pole BD 80/100 A



I = 100 A IEC
• I_{cw} kA rms 1s: 4.5
• I_{pk} kA: 20
• U_i: 500 VCA/CC

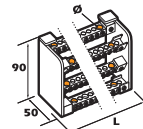
BD 80/100 A - 6 TERMINALS

	mm ²	mm ²	Ø mm
	10-25	10-25	x1 8.5
	1.5-4	0.75-4	x3 4.5
	2.5-6	1.5-6	x3 5.5

BD 80/100 AL - 14 TERMINALS

	10-25	10-25	x2 8.5
	1.5-4	0.75-4	x6 4.5
	2.5-6	1.5-6	x7 5.5

4 pole TD 80/100 A



I = 100 A IEC
• I_{cw} kA rms 1s: 4.5
• I_{pk} kA: 20
• U_i: 500 V_{CA}

TD 80/100 A - 6 TERMINALS

	mm ²	mm ²	Ø mm
	10-25	10-25	x1 8.5
	1.5-4	0.75-4	x3 4.5
	2.5-6	1.5-6	x3 5.5

TD 80/100 AL - 10 TERMINALS

	10-25	10-25	x2 8.5
	1.5-4	0.75-4	x4 4.5
	2.5-6	1.5-6	x5 5.5

TD 80/100 ALL - 14 TERMINALS

	10-25	10-25	x2 8.5
	1.5-4	0.75-4	x6 4.5
	2.5-6	1.5-6	x7 5.5

* Center to drilling :
• BD 80/100 A = 45 mm
• BD 80/100 AL = 110 mm
• TD 80/100 A = 45 mm
• TD 80/100 AL = 80 mm
• TD 80/100 ALL = 110 mm

Art. Nr.	Description	L	kg/lbs
563900	BD 80/100 A	1	0.11 64
563910	BD 80/100 AL	1	0.21 130
563920	TD 80/100 A	1	0.21 64
563930	TD 80/100 AL	1	0.31 100
563940	TD 80/100 ALL	1	0.40 130

NEUTRAL BARS

- Improved wiring capacity
- Direct electrical connection
- Strong mechanical assembly
- Transparent cover

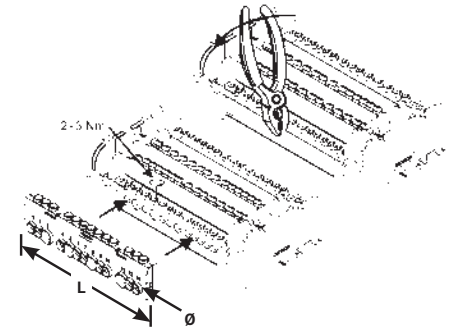


Illustration to install Neutral - bar

Neutral Bar 563841 → 563830 - Solid Bar
563841 → 563840 - Solid Bar

Neutral Bar 563201 → 563200 - Solid Bar
563201 → 563990 - Solid Bar

NB 125 A

I = 125 A IEC
• I_{cw} kA rms 1s: 4.5
• I_{pk} kA: 30

	mm ²	mm ²	Ø mm
	10-25	6-16	x3 7.5
	2.5-6	1.5-6	x9 5.5

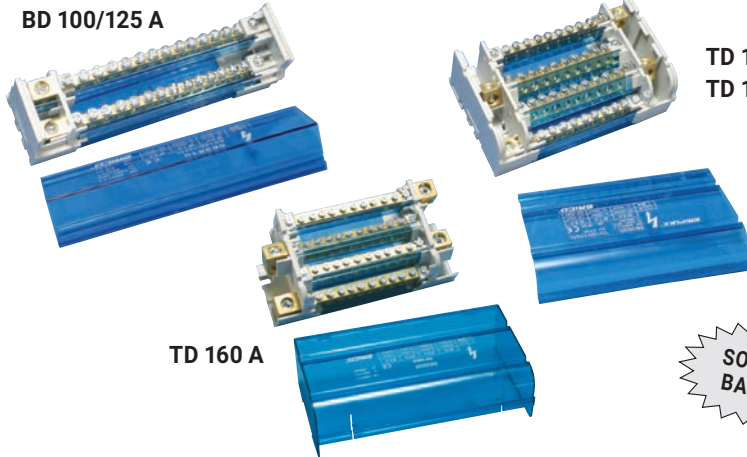
NB 160 A

I = 160 A IEC
• I_{cw} kA rms 1s: 6.2
• I_{pk} kA: 35

	mm ²	mm ²	Ø mm
	10-35	10-25	x4 8.5
	2.5-16	1.5-16	x10 7.2

Art. Nr.	Description	L	kg/lbs
563841	NB 125 A	142 10	0.17
563201	NB 160 A	170 10	0.20

Two and Four Pole Distribution Blocks



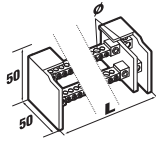
SOLID BARS

- Easy connections: Input separated from outputs
- Neutral bar: 125A & 160A
- DIN Rail or screw mounting
- End large terminals: Safe connections
- New Design: solid bars provide reliability
- Improved Icc withstanding up to 35 kA
- Strong mechanical assembly
- IEC 60947-7-1

2 & 4 POLE 100/125 A

2 pole BD 100/125 A

I = 125 A IEC
• Ui: 690 VCA/CC



BD 100/125 A - 6 TERMINALS

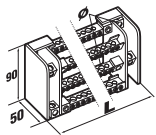
	mm ²	mm ²		Ø mm
	10-35	10-35	x1	9.5
	2.5-6	1.5-6	x5	5.5
	10-25	6-16	x1	7.5

BD 100/125 AL - 14 TERMINALS

	mm ²	mm ²		Ø mm
	10-35	10-35	x1	9.5
	2.5-6	1.5-6	x11	5.5
	10-25	6-16	x3	7.5

4 pole TD 100/125 A

I = 125 A IEC
• Ui: 690 V_{CA}



TD 100/125 A - 6 TERMINALS

	mm ²	mm ²		Ø mm
	10-35	10-35	x1	9.5
	2.5-6	1.5-6	x5	5.5
	10-25	6-16	x1	7.5

TD 100/125 AL - 10 TERMINALS

	10-35	10-35	x1	9.5
	2.5-6	1.5-6	x7	5.5
	10-25	6-16	x3	7.5

TD 100/125 ALL - 14 TERMINALS

	10-35	10-35	x1	9.5
	2.5-6	1.5-6	x11	5.5
	10-25	6-16	x1	7.5
	10-35	10-25	x2	8.5

* Center to drilling :

- BD 100/125 A = 74 mm
- BD 100/125 AL = 142 mm

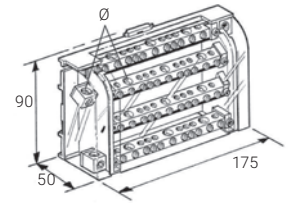
- TD 100/125 A = 89 mm
- TD 100/125 AL = 127 mm
- TD 100/125 ALL = 162 mm

Art. Nr.	Description	I _{cw}	I _{pk}			L
563800	BD 100/125 A	4.5	30	1	0.16	94
563810	BD 100/125 AL	4.5	25	1	0.27	162
563820	TD 100/125 A	4.5	30	1	0.33	109
563830	TD 100/125 AL	4.5	30	1	0.44	147
563840	TD 100/125 ALL	4.5	21	1	0.55	182

4 POLE 160 A

TD 160 A

I = 160 A IEC
• I_{cw} kA rms 1s : 8.2
• I_{pk} kA : 35
• Ui : 690 V_{CA}



TD 160 A : 11 TERMINALS

	mm ²	mm ²		Ø mm
	10-50	10-50	x1	12
	10-35	10-25	x3	8.5
	2.5-16	1.5-16	x7	7.2
	2.5-6	1.5-6	x1	5.5

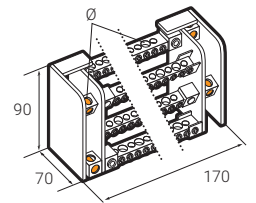
* Center to center drilling : 160 mm

Art. Nr.	Description		
563200	TD 160A	1	0.606

4 POLE 160 A

TD 160 A

I = 160 A IEC
• I_{cw} kA rms 1s : 8.2
• I_{pk} kA : 35
• Ui : 690 V_{CA}



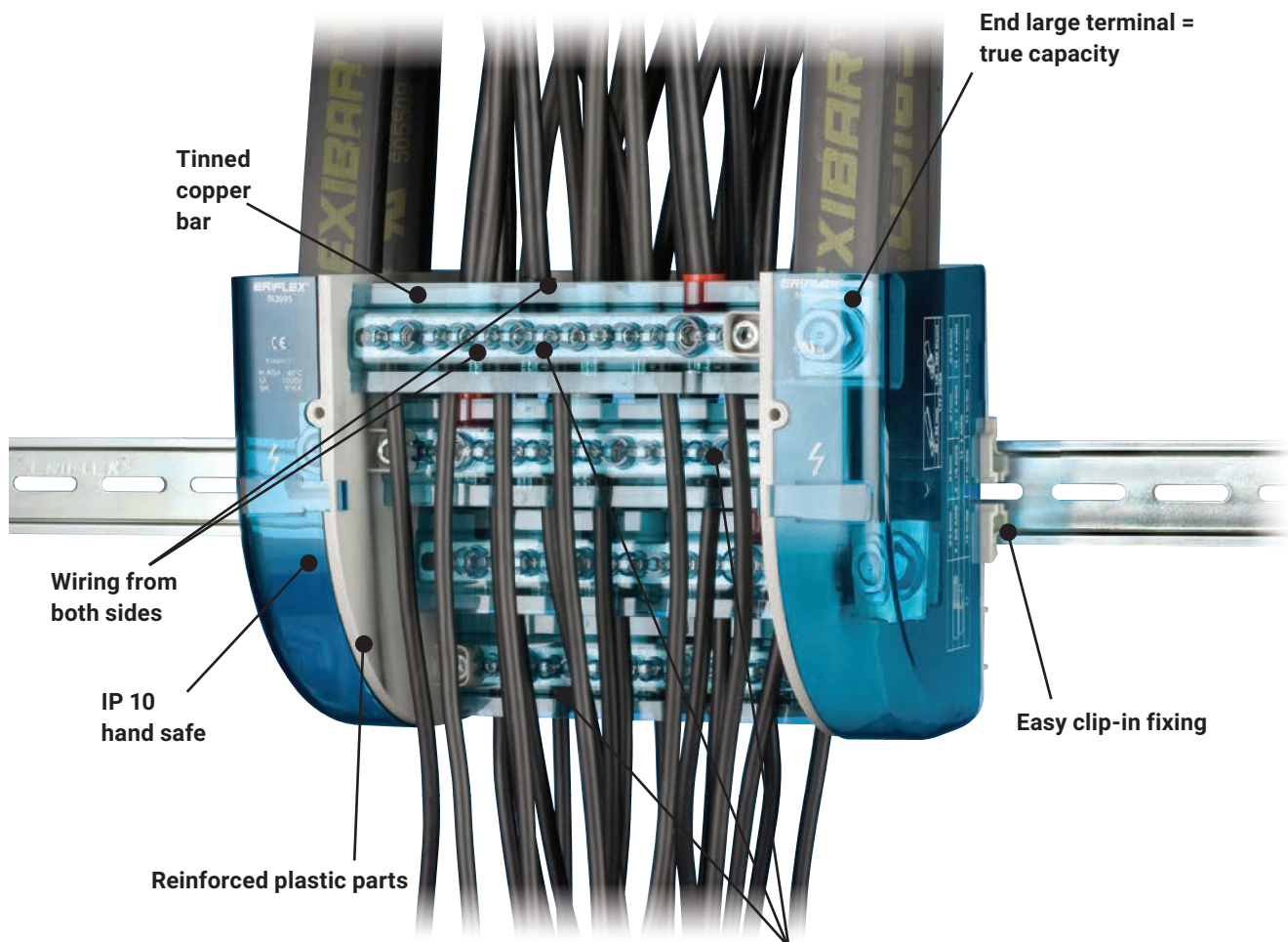
TD 160 AL : 11 TERMINALS

	mm ²	mm ²		Ø mm
	10-50	10-50	x1	12
	10-35	10-25	x3	8.5
	2.5-16	1.5-16	x8	7

* Center to drilling : 150 mm.

Art. Nr.	Description		
563990	TD 160AL	1	0.74

Four Pole Distribution Blocks – TDL



Tinned copper bar

End large terminal = true capacity

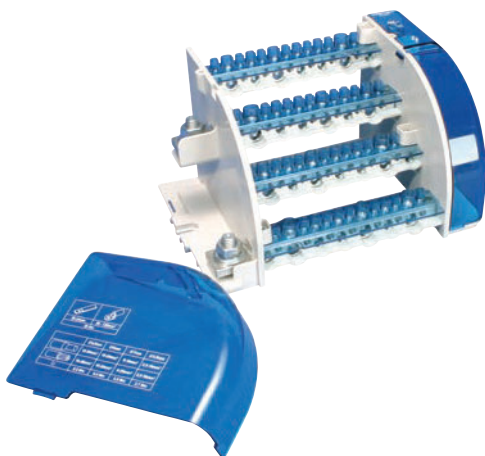
Wiring from both sides

IP 10 hand safe

Reinforced plastic parts

Easy clip-in fixing

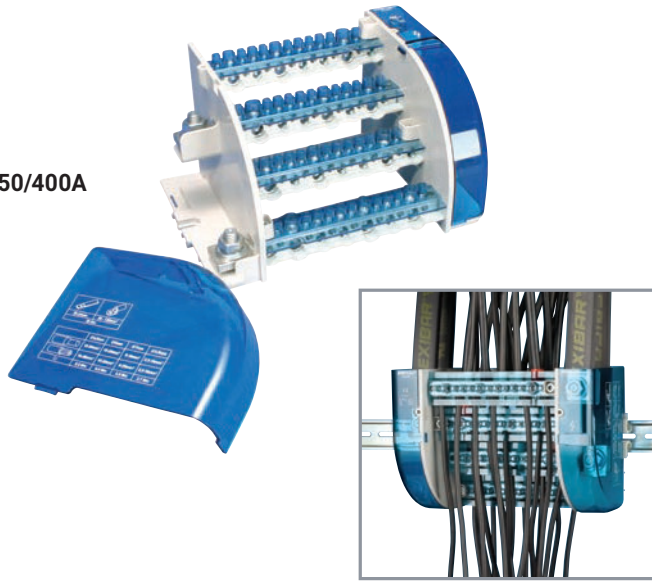
Visual inspection of wire and confirmation of connection



- Tested and Certified according to IEC 60947-7-1 $U_i=1000V$
- UL® Recognized for US & Canada
- UL 1059 $U_i=600V$
- Halogen Free
- UL94 V-0
- RoHS Compliant
- CE Conformity
- EAC Conformity

Four Pole Distribution Blocks – TDL

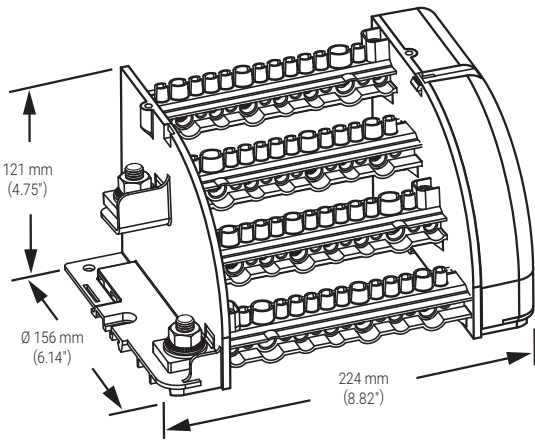
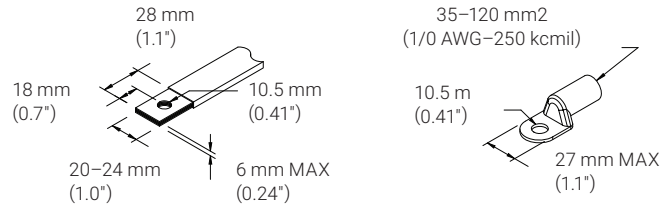
TDL 250/400A



- Easy connections: Input separated from outputs
- End large terminals: Safe connections
- Easy input connection : Flexibar – IBS – Cable
- Wiring from Both sides
- Tinned Copper Bars : Copper or Aluminum Cables
- Visual inspection of wire and confirmation of connection
- New Design: solid bars provide reliability
- Strong mechanical assembly
- IP 10 hand safe
- High % of Fill Ratio
- Easy fixing: clip on DIN rail or mount to panel with screws
- Halogen Free

TDL 250/400A 400 A – IEC / us

- Icw kA rms 1s : 23
- Ipk kA : 51
- Ui : 1000 VAC
1500 VDC IEC
- Vin : 600 V UL



Metric				
	Flexibar, IBS (width)	mm ²	mm ²	
	20-24 mm	35-120	35-120	x1
	-	10-50	10-35	x1
	-	10-35	10-25	x2
	-	6-25	6-16	x4
	-	2.5-16	2.5-10	x7

Imperial				
	Flexibar, IBS (width)	AWG		
	20-24 mm	1/0 – 250		x1
	-	6 – 1/0		x1
	-	8 – 1		x2
	-	10 – 3		x4
	-	10 – 5		x7

Art. Nr.	Description		kg/lbs
563995	TDL250A	1	1.69 / 3.73

- Rigid stranded cable
- Flexible stranded cable