

Insulated Braided Conductor (IBSB & IBSBR)

Ideal connection for molded case circuit breakers

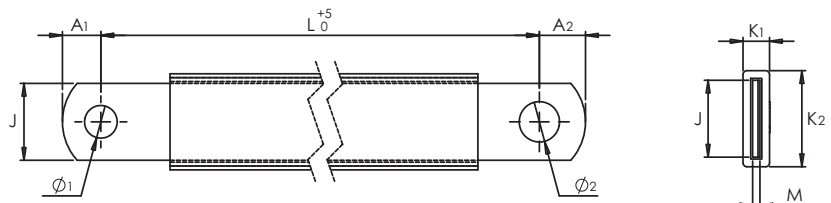
Features

- Material savings: Integral palm without lugs or terminals
- Quick and easy to install: Less labor time for installation
- Weight savings: A flat braid weighs less than a cable (with insulation) and lugs. Offers better copper usage (Skin Effect)
- Reliability – No extra contact due to the lugs being crimped at the extremities of the cables.
- Resistant to vibration - ideal alternative to cable
- Max. working voltage: 1000 V AC-1500 V DC-IEC & UL 758
- Max. working voltage: 600V AC/DC – UL 67
- IEC 60439.1 & IEC 61439.1






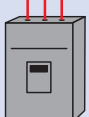
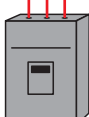
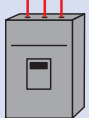
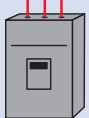


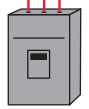
The IBSB and IBSBR range can be used as an alternative to cable for all low-voltage applications. It is suitable and connectable for molded case circuit breaker ranges, including most compact breakers on the market. From 80 A up to 630 A circuit breakers, you can directly connect the IBSB/IBSBR on the front access terminals breaker without additional accessories, such as angular connectors, spreaders, ring terminal connectors or extenders. No lugs and no cutting, stripping, or crimping are necessary.

Very simple! Very quick! Ready to use!



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Use with circuit breaker	Part Number	Description	S mm ²	L mm	Ø1 mm	Ø2 mm	A1 mm	A2 mm	J mm	M mm	K1 mm	K2 mm		 Kg
IBSB - Tinned Copper														
IBSB 25 125/160A 	558500	IBSB 25-230-6	25	230	6,5	6,5	7,5	7,5	12	2,8	9	18	10	0,08
	558501	IBSB 25-330-6	25	330	6,5	6,5	7,5	7,5	12	2,8	9	18	10	0,11
	558502	IBSB 25-430-6	25	430	6,5	6,5	7,5	7,5	12	2,8	9	18	10	0,15
	558503	IBSB 25-530-6	25	530	6,5	6,5	7,5	7,5	12	2,8	9	18	10	0,18
	558504	IBSB 25-630-6	25	630	6,5	6,5	7,5	7,5	12	2,8	9	18	10	0,22
	558505	IBSB 25-830-6	25	830	6,5	6,5	7,5	7,5	12	2,8	9	18	10	0,28
IBSB 50 250A 	558506	IBSB 25-1030-6	25	1030	6,5	6,5	7,5	7,5	12	2,8	9	18	10	0,35
	558507	IBSB 50-230-8-10	50	230	8,5	10,5	9	11	20	3	9	27	10	0,15
	558508	IBSB 50-330-8-10	50	330	8,5	10,5	9	11	20	3	9	27	10	0,21
	558509	IBSB 50-430-8-10	50	430	8,5	10,5	9	11	20	3	9	27	10	0,27
	558510	IBSB 50-530-8-10	50	530	8,5	10,5	9	11	20	3	9	27	10	0,33
	558511	IBSB 50-630-8-10	50	630	8,5	10,5	9	11	20	3	9	27	10	0,39
IBSB 70 300A 	558512	IBSB 50-830-8-10	50	830	8,5	10,5	9	11	20	3	9	27	10	0,52
	558513	IBSB 50-1030-8-10	50	1030	8,5	10,5	9	11	20	3	9	27	10	0,64
	558514	IBSB 70-230-8-10	70	230	8,5	10,5	9	11	20	4,3	11	27	10	0,197
	558515	IBSB 70-330-8-10	70	330	8,5	10,5	9	11	20	4,3	11	27	10	0,28
	558516	IBSB 70-430-8-10	70	430	8,5	10,5	9	11	20	4,3	11	27	10	0,362
	558517	IBSB 70-530-8-10	70	530	8,5	10,5	9	11	20	4,3	11	27	10	0,444
IBSB 100 350A 	558518	IBSB 70-630-8-10	70	630	8,5	10,5	9	11	20	4,3	11	27	10	0,527
	558519	IBSB 70-830-8-10	70	830	8,5	10,5	9	11	20	4,3	11	27	10	0,692
	558520	IBSB 70-1030-8-10	70	1030	8,5	10,5	9	11	20	4,3	11	27	10	0,857
	558521	IBSB 100-230-8-10	100	230	8,5	10,5	9	11	24	5	13	31	10	0,27
	558522	IBSB 100-330-8-10	100	330	8,5	10,5	9	11	24	5	13	31	10	0,39
	558523	IBSB 100-430-8-10	100	430	8,5	10,5	9	11	24	5	13	31	10	0,50
IBSB 100 350A 	558524	IBSB 100-530-8-10	100	530	8,5	10,5	9	11	24	5	13	31	10	0,62
	558525	IBSB 100-630-8-10	100	630	8,5	10,5	9	11	24	5	13	31	10	0,73
	558526	IBSB 100-830-8-10	100	830	8,5	10,5	9	11	24	5	13	31	10	0,96
	558527	IBSB 100-1030-8-10	100	1030	8,5	10,5	9	11	24	5	13	31	10	1,19
	IBSBR - Red Copper													
IBSBR 120 400A 	558528	IBSBR 120-230-10	120	230	10,5	10,5	11	11	32	4,4	12	39	2	0,33
	558529	IBSBR 120-330-10	120	330	10,5	10,5	11	11	32	4,4	12	39	2	0,47
	558530	IBSBR 120-430-10	120	430	10,5	10,5	11	11	32	4,4	12	39	2	0,6
	558531	IBSBR 120-530-10	120	530	10,5	10,5	11	11	32	4,4	12	39	2	0,74
	558532	IBSBR 120-630-10	120	630	10,5	10,5	11	11	32	4,4	12	39	2	0,88
	558533	IBSBR 120-830-10	120	830	10,5	10,5	11	11	32	4,4	12	39	2	1,15
IBSBR 185 500A 	558534	IBSBR 120-1030-10	120	1030	10,5	10,5	11	11	32	4,4	12	39	2	1,43
	558535	IBSBR 185-330-10-12	185	330	10,5	12,5	12	14	32	7,1	16	39	2	0,7
	558536	IBSBR 185-430-10-12	185	430	10,5	12,5	12	14	32	7,1	16	39	2	0,9
	558537	IBSBR 185-530-10-12	185	530	10,5	12,5	12	14	32	7,1	16	39	2	1,1
	558538	IBSBR 185-630-10-12	185	630	10,5	12,5	12	14	32	7,1	16	39	2	1,3
	558539	IBSBR 185-830-10-12	185	830	10,5	12,5	12	14	32	7,1	16	39	2	1,7
IBSBR 240 630A 	558540	IBSBR 185-1030-10-12	185	1030	10,5	12,5	12	14	32	7,1	16	39	2	2,1
	558541	IBSBR 240-330-10-12	240	330	10,5	12,5	12	14	32	9,2	18,5	39	2	0,89
	558542	IBSBR 240-430-10-12	240	430	10,5	12,5	12	14	32	9,2	18,5	39	2	1,14
	558543	IBSBR 240-530-10-12	240	530	10,5	12,5	12	14	32	9,2	18,5	39	2	1,4
	558544	IBSBR 240-630-10-12	240	630	10,5	12,5	12	14	32	9,2	18,5	39	2	1,65
	558545	IBSBR 240-830-10-12	240	830	10,5	12,5	12	14	32	9,2	18,5	39	2	2,16
558546	IBSBR 240-1030-10-12	240	1030	10,5	12,5	12	14	32	9,2	18,5	39	2	2,67	

WARNING

ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at www.erico.com and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

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