

DIE SELECTION GUIDE FOR HT131-C

Also applicable for

HT120, HT131LN-C, HT131-UC, RHC131, RHC131LN, RHU131-C, RHM132**,

B1300-CE, B1300-CE-KV, B1300L-CE, B1300-UCE, B1350-CE, B1350-CE-KV, B1350L-CE & B1350-UCE

Copper Tube Connectors

Copper Conductor sqmm Low Str. Flex.		Connector		Hexagonal Crimp		Indent Crimp		
		Terminal Lug	Through Connector	Die Set	No. of Crimps*	Nest	Indentor	No. of Crimps*
4 - 6		A1-M	L1-M					
10		A2-M A2-P12	L2-M	ME2-C	1	MA2-C	PA10-C	1
16		A3-M A3-P14	L3-M	ME3-C	1	MA3-C		
25		A5-M A5-P16	L5-M	ME5-C	1	MA5-C		
35	25 35	A7-M A7-P20	L7-M	ME7-C	1	MA7-C		
	35	A9-M		ME9-C	1	MA9-C		
50	50	A10-M A10-P25	L10-M	ME10-C	1	MA10-C		
	50	A12-M		ME12-C	1	MA12-C	PA24-C	1
70	70	A14-M A14-P30	L14-M	ME14-C	1	MA14-C		
	70	A17-M		ME17-C	1	MA17-C		
95	95	A19-M	L19-M	ME19-C	1	MA19-C		
	95	A20-M		ME20-C	1	MA20-C		
120	120	A24-M	L24-M	ME24-C	1	MA24-C		
	120	A29-M		ME29-C	1	MA29-C	PA48-C	1
150	150	A30-M	L30-M	ME30-C	1	MA30-C		
	150	A35-M		ME35-C	1	MA35-C		
185	185	A37-M	L37-M	ME37-C	1	MA37-C		
	185	A40-M		ME40-C	1	MA40-C		
240	240	A48-M	L48-M	ME48-C	2	MA48-C		
300	240 300	A60-M A60-4ESI	L60-M	ME60-C	3	MA60-C	PA60-C	1
400	300	A80-M A80-4ESI	L80-M	ME80-C	3			

* No. of Crimps per end for Through Connectors

** Not suitable for Through Connectors

Further assistance from Cembre Ltd
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Nylon Insulated Copper Tube Connectors

Copper Conductor Flexible sqmm	Terminal Lug			Radial Crimp		Indent Crimp		
				Die Set	No. of Crimps	Nest	Indentor	No. of Crimps
10	ANE2-M	ANE2-P12	ANE2-U	MN2RF-C	1	MN2-C	PN7-C	1
16	ANE3-M	ANE3-P14	ANE3-U	MN3RF-C	1	MN3-C		
25	ANE5-M	ANE-P16		MN5RF-C	1	MN5-C		
25 - 35	ANE7-M	ANE7-P20		MN7RF-C	1	MN7-C		
35	ANE9-M					MN9-C	PN14-C	1
50	ANE12-M			MN12F-C	1	MN12-C		
70	ANE17-M			MN17F-C	1	MN17-C	PN24-C	1
95	ANE20-M			MN20F-C	1	MN20-C		
120	ANE29-M			MN29F-C	1	MN29-C	PN37-C	1
150	ANE35-M			MN35F-C	1	MN35-C		

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Copper "C" Connectors

Copper Conductor sqmm		Connector	Circular Crimp Die Set	No. of Crimps
Run	Tap			
10	10 - 1.5	C10-C10	MC10-C	1
16	16 - 1.5	C16-C16	MC25-C	1
25 - 16	10 - 1.5	C25-C10		
25	25 - 16	C25-C25		
40 - 35	16 - 1.5	C35-C16	MC35-C	1
40 - 35	40 - 25	C35-C35		
50	25 - 10			
70 - 63	25 - 1.5	C70-C25N		
50	25 - 4	C50-C25	MC70-C	3
50	50 - 35	C50-C50		
70 - 50	40 - 4	C70-C35		
70 - 50	70 - 35	C70-C70		
100 - 95	40 - 4	C95-C35	MC95-C	3
100 - 95	70 - 40	C95-C70		
100 - 95	100 - 63	C95-C95		
125 - 110	125 - 25	C120-C120	MC185-C	3
160 - 150	125 - 25	C150-C120		
185	100 - 16	C185-C95		

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High Voltage Copper Connectors

Copper Conductor sqmm	Connector		Crimping Die Set	No. of Crimps*	
	Through Connector	Pin Connector			
25R - 35RC	MT25-TD	MT25-GC	MT25-C	MMT25-C	1
35S - 40S	MT40S-TD	MT40S-GC	MT40S-C	MMT50-C	1
50RC	MT50R-TD	MT50R-GC	MT50R-C		
50S	MT50S-TD	MT50S-GC	MT50S-C		
63S - 70S	MT70S-TD	MT70S-GC	MT70S-C	MMT95-C	1
80S - 95RC	MT95R-TD	MT95R-GC	MT95R-C		
95S - 100S	MT95S-TD	MT95S-GC	MT95S-C		
120S - 150RC	MT150R-TD	MT150R-GC	MT150R-C	MMT200-C	1
150S - 160RC	MT150S-TD	MT150S-GC	MT150S-C		2
160S - 200RC	MT200R-TD	MT200R-GC	MT200R-C		
200S - 240RC	MT240R-TD	MT240R-GC	MT240R-C	MMT315-C	2
240S - 315RC	MT315R-TD	MT315R-GC	MT315R-C		
315S	MT315S-TD	MT315S-GC	MT315S-C		
400R	MT400-TD	MT400-GC		ME80-C	3

* No. of Crimps per end for Through Connectors

** Not suitable for Through Connectors

Copper Conductor sqmm	Terminal Lug		Crimping Die Set	No. of Crimps
25R - 35RC	CA25-M	CA25-2M	MT25-C	2
35S - 40S	CA40S-M	CA40S-2M	MMT50-C	2
50RC	CA50R-M	CA50R-2M		
50S	CA50S-M	CA50S-2M		
63S - 70S	CA70S-M	CA70S-2M	MMT95-C	2
80S - 95RC	CA95R-M	CA95R-2M		3
95S - 100S	CA95S-M	CA95S-2M		
120S - 150RC	CA150R-M	CA150R-2M	MMT200-C	3
150S - 160RC	CA150S-M	CA150S-2M		
160S - 200RC	CA200R-M	CA200R-2M		
200S - 240RC	CA240R-M	CA240R-2M	MMT315-C	2
240S - 315RC	CA315R-M	CA315R-2M		
315S	CA315S-M	CA315S-2M		
400R	2A80-M	2A80-2M	ME80-C	6

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High Voltage Copper Connectors

(EN 60228 conductors only)

Copper Conductor sqmm	Through Connector		Pin Connector	Die Set	No. of Crimps*
25	MT25-TD	MT25-GC	MT25-C...	MMT25-C	1
35	MT35-TD	MT35-GC	MT35-C...	MMT50-C	1
50	MT50-TD	MT50-GC	MT50-C...		
70	MT70S-TD	MT70S-GC	MT70S-C...	MMT95-C	1
95	MT95-TD	MT95-GC	MT95-C...		
120	MT120-TD	MT120-GC	MT120-C...	MMT200-C	1
150	MT150-TD	MT150-GC	MT150-C...		
185	MT185-TD	MT185-GC	MT185-C...		
240	MT240-TD	MT240-GC	MT240-C...	MMT315-C	1
300	MT300-TD	MT300-GC	MT300-C...		
400	MT400-TD	MT400-GC		ME80-C	3

* No. of Crimps per end for Through Connectors

** Not suitable for Through Connectors

High Voltage Copper Connectors

(CA...range) (EN 60228 conductors only)

Copper Conductor sqmm	Terminal Lug		Die Set	No. of Crimps
25	CA25-M	CA25-2M	MMT25-C	2
35	CA35-M	CA35-2M	MMT50-C	2
50	CA50-M	CA50-2M		
70	CA70S-M	CA70S-2M	MMT95-C	2
95	CA95-M	CA95-2M		3
120	CA120-M	CA120-2M	MMT200-C	3
150	CA150-M	CA150-2M		
185	CA185-M	CA185-2M		
240	CA240-M	CA240-2M	MMT315-C	2
300	CA300-M	CA300-2M		
400	2A80-M	2A80-2M	ME80-C	6

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Overhead Line Fittings

Die Index	Die Set	Die Index	Die Set
161	MUT9999-C	322	MUT9971-C
162	MUT9998-C	327	MUT9961-C
163	MUT9997-C	373	MUT9989-C
164	MUT9996-C	490	MUT9966-C
166	MUT9995-C	642	MUT9970-C
167	MUT9958-C	654	MUT9975-C
168	MUT9974-C	655	MUT9968-C
169	MUT9979-C	658	MUT9988-C
170	MUT9973-C	659	MUT9987-C
203	MUT9943-C	698	MUT9986-C
204	MUT9941-C	699	MUT9985-C
209	MUT9972-C	708	MC185-C
239	MUT9993-C	756	MUT9964-C
242	MUT9967-C	790	MUT9969-C
243	MUT9991-C	BG	MUT9984-C
249	MUT9990-C	C	MUT9983-C
253	MUT9957-C	D3	MUT9981-C
255	MUT9962-C	E	MUT9982-C
261	MUT9956-C	F	MUT9960-C
305	MUT9977-C	N	MUT9955-C
316	MUT9976-C	O	MUT9980-C
317	MUT9965-C		

ABC Conductor Fittings

Die Set	Connector
M83-C	Various Insulated Fittings
M140-C	
M173-C	
M215-C	

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Heavy Duty Copper Tube Terminals

Copper Conductor sqmm		Terminal Lug	Hexagonal Crimp	
Low Str.	Flex.		Die Set	No. of Crimps
16		2A3-M	ME3-C	2
25		2A5-M	ME5-C	2
35	25 35	2A7-M	ME7-C	2
50	35 - 50	2A10-M	ME10-C	2
70	50 - 70	2A14-M	ME14-C	2
95	70 - 95	2A19-M	ME19-C	2
120	95 - 120	2A24-M	ME24-C	3
150	120 - 150	2A30-M	ME30-C	3
185	150 - 185	2A37-M	ME37-C	3
240	185 - 240	2A48-M	ME48-C	3
300	240 - 300	2A60-M	ME60-C	5
400	300	2A80-M	ME80-C	6

Terminal lugs and Through Connectors according to DIN46235 and DIN46267 Pt 1

Copper Conductor sqmm	Connector		Hexagonal Crimp	
	Terminal Lug	Through Connector	Die Set	No. of Crimps*
6	DR6-..	DSV6	MK5-C	1
10	DR10-..	DSV10	MK6-C	1
16	DR16-..	DSV16	MK8-C	1
25	DR25-..	DSV25	MK10-C	1
35	DR35-..	DSV35	MK12-C	1
50	DR50-..	DSV50	MK14-C	1
70	DR70-..	DSV70	MK16-C	1
95	DR95-..	DSV95	MK18-C	2
120	DR120-..	DSV120	MK20-C	2
150	DR150-..	DSV150	MK22-C	2
185	DR185-..	DSV185	MK25-C	2
240	DR240-..	DSV240	MK28-C	2
300	DR300-..	DSV300	MK32-C	5

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Aluminium/Bi-metallic Terminal Lugs and Through Connectors Hexagonal Profile Crimping

Aluminium Conductor sqmm	Connector				Hexagonal Crimp	
	Aluminium Lug	Bi-metallic Terminal lug	Bi-metallic Pin Terminal	Through Connector	Die Set	No. of Crimps*
16	AA16-M..	CAA16-M..	MTA16-C	MTMA16..	MK16-C	3
25	AA25-M..	CAA25-M..	MTA25-C	MTMA25..		3
35	AA35-M..	CAA35-M..	MTA35-C	MTMA35..		3
50	AA50-M..	CAA50-M..	MTA50-C	MTMA50..	MK20-C	3
70	AA70-M..	CAA70-M..	MTA70-C	MTMA70..		3
95	AA95-M..	CAA95-M..	MTA95-C	MTMA95..		3
120	AA120-M..	CAA120-M..	MTA120-C	MTMA120..	MK25-C	3
150	AA150-M..	CAA150-M..	MTA150-C	MTMA150..		3
185	AA185-M..	CAA185-M..	MTA185-C	MTMA185..	MK32L-C	3
240	AA240-M..	CAA240-M..	MTA240-C	MTMA240..		3
300	AA300-34-M..	CAA300-34-M..	--	MTMAD300..	MK34L-C	3

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Pre-rounding Dies

Aluminium Conductor sqmm	Pre-rounding Die
35	UP130-7.5-C
50	UP130-7.5-C
70	UP130-9.0-C
95	UP130-10.5-C
120	UP130-12.5-C
150	UP130-14.0-C
185	UP130-15.7-C
240	UP130-17.5-C
300	UP130-20.2-C

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