

DRAWING NO.  
SD73942

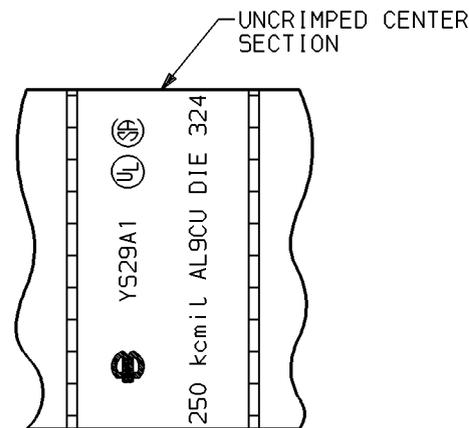
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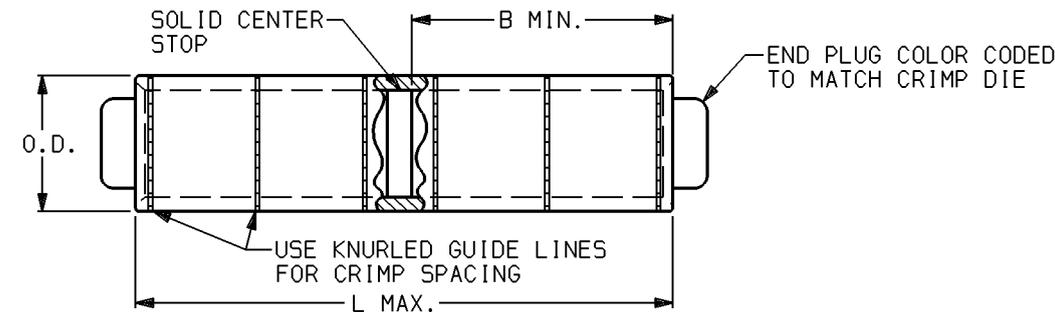
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CATALOG NUMBER	CONDUCTOR		DIMENSIONS			COLOR CODE	DIE INDEX NO.	APPROVALS		CONDUCTOR TYPE
	ALUMINUM OR COPPER	STR.	B MIN	L MAX	O. D.					
YS8CA1	#8 STR (.146)	7	.59 [15]	1.44 [37]	.30 [8]	BLUE	374	UL	CSA	AL7CU
YS6CA1	#6 STR (.184)	7	.72 [18]	1.70 [43]	.34 [9]	GRAY	346	UL	CSA	AL9CU
YS4CA1	#4 STR (.232)	7	.86 [22]	1.97 [50]	.43 [11]	GREEN	375	UL	CSA	AL9CU
YS2CA1	#2 STR (.292)	7	1.09 [28]	2.44 [62]	.53 [13]	PINK	348	UL	CSA	AL9CU
YS1CA1	#1 STR (.332)	19	.90 [23]	2.05 [52]	.54 [14]	GOLD	471	UL	CSA	AL9CU
YS25A1	1/0 STR (.373)	19	1.06 [27]	2.37 [60]	.60 [15]	TAN	296	UL	CSA	AL9CU
YS26A1	2/0 STR (.418)	19	1.18 [30]	2.61 [66]	.67 [17]	OLIVE	297	UL	CSA	AL9CU
YS27A1	3/0 STR (.470)	19	1.31 [33]	2.88 [73]	.76 [19]	RUBY	467	UL	CSA	AL9CU
YS28A1	4/0 STR (.528)	19	1.40 [36]	3.06 [78]	.85 [22]	WHITE	298	UL	CSA	AL9CU



TYPICAL LETTERING VIEW



NOTES:

1. MATERIAL: ALUMINUM TUBE
2. FINISH: TIN PLATED
3. SPLICE BARRELS PREFILLED WITH PENETROX™
4. REMOVE ALL EXCESS PENETROX™ FROM SPLICE AND ADJACENT CONDUCTOR INSULATION PRIOR TO TAPING.
5. NUMBER OF CRIMPS ARE LISTED FOR EACH SIZE AND DIE COMBINATION ON STUFFER SHEET THAT IS PACKED WITH EACH BOX OF CONNECTORS.
6. DIMENSIONS IN BRACKETS[] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.

CONNECTORS FOR SECONDARY APPLICATION-  
"YS\_AY" (SD26164).  
CONNECTORS FOR PRIMARY VOLTAGE FOR  
ABOVE 5KV "YS\_AT" (SC25626).

HYLINK™ (ALUMINUM)			
CAT NO. YS--A--(TABLE)	SCALE N/A		
DRAWN: ESK	8/24/72	CHECKED: SFP	8/25/72
DSGN APPVL: DCW	12/12/72	MFG APPVL: N/A	
Q.A. APPVL: D VARIO	7/25/95	MKTG APPVL: P WERTHMAN	4/17/95
CAD FILE: SD73942-SHT01	PM REF: N/A		
FRAMATOME CONNECTORS USA INC.		MDL REF: N/A	
BURNDY ELECTRICAL		PROJECT: .	
		DRAWING NO.	REV
		SD73942	10
		SHEET 1 OF 3	

REV.	DATE	DESCRIPTION	BY	C'K'D.
10	8/26/95	REDRAWN TO CAD, ADDED AND MODIFIED NOTES, PUT IN MISSING APPROVAL SIGNATURES, AND ADDED METRIC DIM.S PER (PCN 2396)	JWA	JLM

REV: 061995

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DRAWING NO.  
SD73942

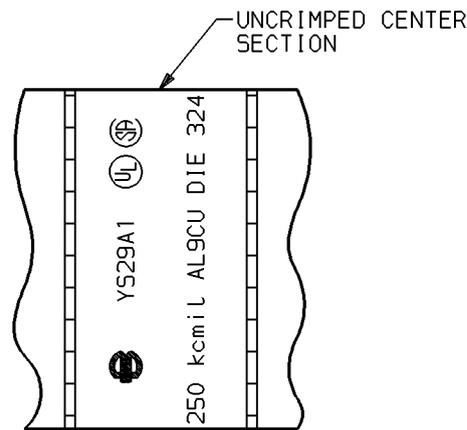
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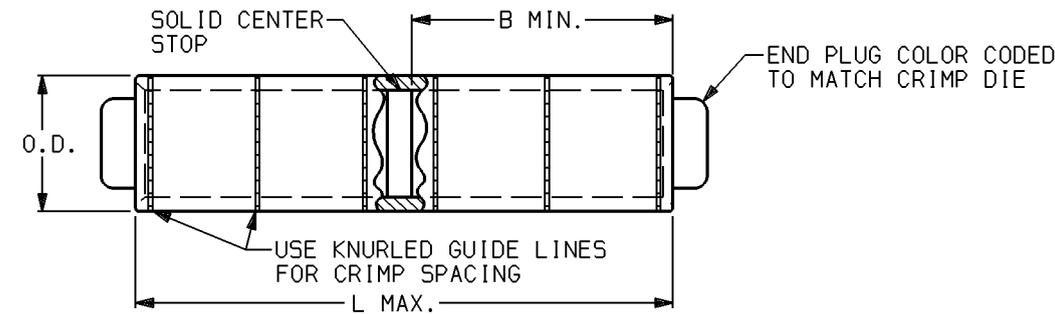
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CATALOG NUMBER	CONDUCTOR		DIMENSIONS			COLOR CODE	DIE INDEX NO.	APPROVALS		CONDUCTOR TYPE
	ALUMINUM OR COPPER	STR.	B MIN	L MAX	O.D.					
YS29A1	250 kcmil (.575)	37	1.46 [37]	3.18 [81]	.92 [23]	RED	324	UL	CSA	AL9CU
YS30A1	300 kcmil (.630)	37	1.47 [37]	3.20 [81]	1.01 [26]	BLUE	470	UL	CSA	AL9CU
YS31A1	350 kcmil (.681)	37	1.89 [48]	4.04 [103]	1.11 [28]	BROWN	299	UL	CSA	AL9CU
YS32A1	400 kcmil (.728)	37	2.30 [58]	4.86 [123]	1.19 [30]	GREEN	472	UL	CSA	AL9CU
YS34A1	500 kcmil (.813)	37	2.38 [60]	5.02 [128]	1.32 [34]	PINK	300	UL	CSA	AL9CU
YS36A1	600 kcmil (.893)	61	2.44 [62]	5.14 [131]	1.44 [37]	BLACK	473	UL	CSA	AL9CU
YS39A1	700 kcmil (.964) 750 kcmil (.998)	61	2.50 [64]	5.26 [134]	1.46 [37]	YELLOW	936	UL	CSA	AL9CU
YS39AM1			2.63 [67]	5.58 [142]	1.60 [41]	RED	301	UL	CSA	AL9CU
YS40A1	800 kcmil (1.031)	61	2.61 [66]	5.48 [139]	1.65 [42]	GRAY	474	UL	CSA	AL9CU
YS44A1	1000 kcmil (1.152)	61	2.84 [72]	5.94 [151]	1.84 [47]	BROWN	302	UL	CSA	AL9CU



TYPICAL LETTERING VIEW



NOTES:

- MATERIAL: ALUMINUM TUBE
- FINISH: TIN PLATED
- SPLICE BARRELS PREFILLED WITH PENETROX.<sup>TM</sup>
- REMOVE ALL EXCESS PENETROX<sup>TM</sup> FROM SPLICE AND ADJACENT CONDUCTOR INSULATION PRIOR TO TAPING.
- NUMBER OF CRIMPS ARE LISTED FOR EACH SIZE AND DIE COMBINATION ON STUFFER SHEET THAT IS PACKED WITH EACH BOX OF CONNECTORS.
- USE ONLY WHEN CUSTOMER REQUIRES 1.600 O.D. VARIATION FOR COMPATABILITY WITH OLD INSTALLATION TOOLING. FOR ALL OTHER APPLICATIONS USE C39A-1 TUBING. (1.460 O.D.)
- DIMENSIONS IN BRACKETS[] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.
- Kcmil IS THE PREFERRED AND MCM IS THE ALTERNATE.

CONNECTORS FOR SECONDARY APPLICATION-  
"YS\_AY" (SD26164).  
CONNECTORS FOR PRIMARY VOLTAGE FOR  
ABOVE 5KV "YS\_AT" (SC25626).

HYLINK <sup>TM</sup> (ALUMINUM)			
CAT NO. YS--A--(TABLE)	SCALE N/A		
DRAWN: ESK	8/25/72	CHECKED: SFP	8/25/72
DSGN APPVL: DCW	12/12/72	MFG APPVL: N/A	
Q.A. APPVL: D VAR10	7/25/95	MKTG APPVL: P WERTHMAN	4/17/95
CAD FILE: SD73942-SHT02	PM REF: N/A		
FRAMATOME CONNECTORS USA INC.		MDL REF: N/A	
BURNDY ELECTRICAL		PROJECT: .	
		DRAWING NO.	REV
		SD73942	10
		SHEET 2 OF 3	

REV.	DATE	DESCRIPTION	BY	C'K'D.
10	8/26/95	REDRAWN TO CAD, ADDED AND MODIFIED NOTES, PUT IN MISSING APPROVAL SIGNATURES, AND ADDED METRIC DIM.S PER (PCN 2396)	JWA	JLM

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REV: 061995

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DRAWING NO.  
SD73942

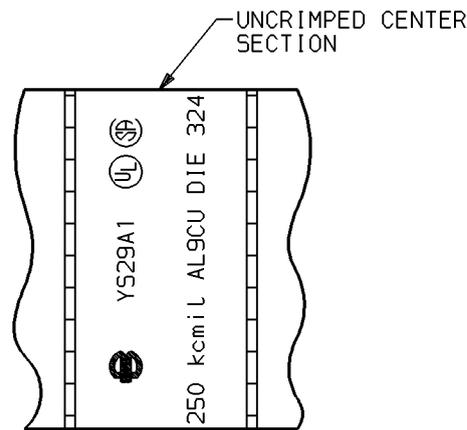
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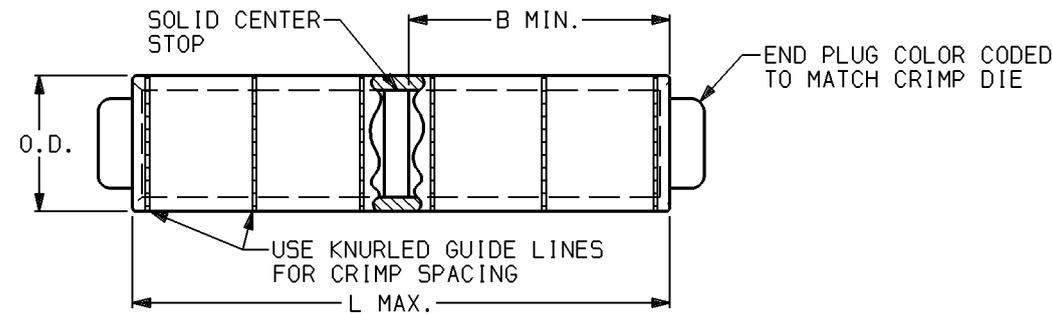
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CATALOG NUMBER	CONDUCTOR		DIMENSIONS			COLOR CODE	DIE INDEX NO.	APPROVALS		CONDUCTOR TYPE
	ALUMINUM OR COPPER	STR.	B MIN	L MAX	O.D.					
YS45A1	1250 kcmil (1.289)	91	2.84 [72]	6.21 [158]	1.84 [47]	BROWN	302	UL	CSA	AL7CU
YS46A1	1500 kcmil (1.412)	91	3.40 [86]	7.05 [179]	2.26 [57]	BLUE	478	UL	CSA	AL7CU
YS47A1	1750 kcmil (1.527)	127 169	3.99 [101]	8.31 [211]	2.44 [62]	WHITE	587	UL	CSA	AL7CU
YS48A1	2000 kcmil (1.632)	127	3.66 [93]	7.58 [193]	2.60 [66]	RED	479	UL	CSA	AL7CU
YS483A1	2250 kcmil (1.729) ALUMINUM ONLY	127	3.66 [93]	7.58 [193]	2.60 [66]	RED	479	---	---	AL7CU



TYPICAL LETTERING VIEW



NOTES:

1. MATERIAL: ALUMINUM TUBE
2. FINISH: TIN PLATED
3. SPLICE BARRELS PREFILLED WITH PENETROX.<sup>7</sup>
4. REMOVE ALL EXCESS PENETROX<sup>TM</sup> FROM SPLICE AND ADJACENT CONDUCTOR INSULATION PRIOR TO TAPING.
5. NUMBER OF CRIMPS ARE LISTED FOR EACH SIZE AND DIE COMBINATION ON STUFFER SHEET THAT IS PACKED WITH EACH BOX OF CONNECTORS.
6. DIMENSIONS IN BRACKETS[] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.

<sup>7</sup> Kcmil IS THE PREFERRED AND MCM IS THE ALTERNATE.

CONNECTORS FOR SECONDARY APPLICATION-  
"YS\_AY" (SD26164).  
CONNECTORS FOR PRIMARY VOLTAGE FOR  
ABOVE 5KV "YS\_AT" (SC25626).

HYLINK™ (ALUMINUM)			
CAT NO. YS--A--(TABLE)	SCALE N/A	8/25/72	
DRAWN: ESK	8/25/72	CHECKED: SFP	8/25/72
DSGN APPVL:	12/12/72	MFG APPVL: N/A	
Q.A. APPVL: D VARIO	7/25/95	MKTG APPVL: P WERTHMAN	4/17/95
CAD FILE: SD73942-SHT03	PM REF: N/A		
FRAMATOME CONNECTORS USA INC.		MDL REF: N/A	
BURNDY ELECTRICAL		PROJECT: DO T470	
MANCHESTER, NH 03108		DRAWING NO.	
U. S. A.		REV	
FCI		SD73942	
SHEET 3 OF 3		9	

REV.	DATE	DESCRIPTION	BY	C'K'D.
9	8/26/95	REDRAWN TO CAD, ADDED AND MODIFIED NOTES, PUT IN MISSING APPROVAL SIGNATURES, AND ADDED METRIC DIM.S PER (PCN 2336)	JWA	JLM

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REV: 061995