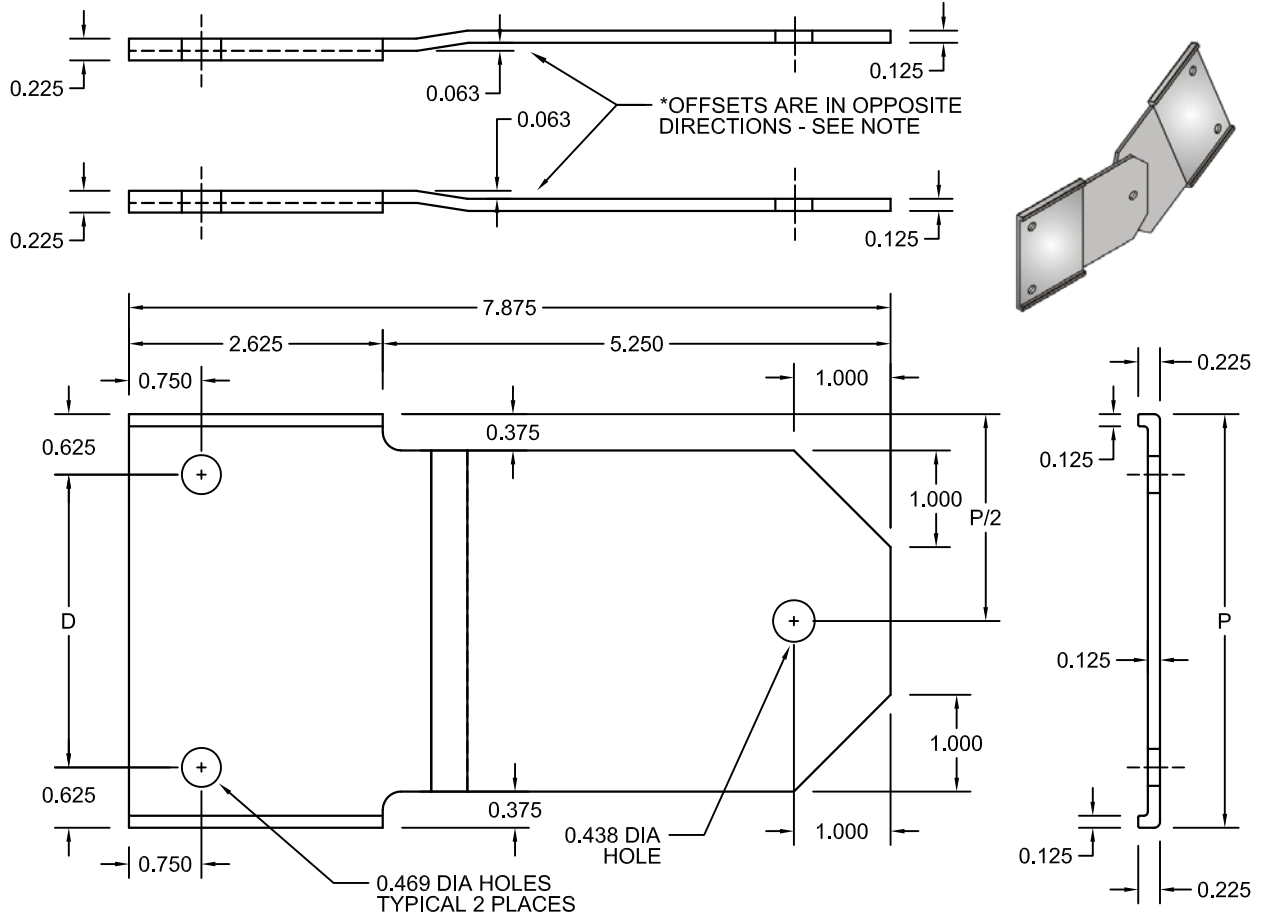




NO.	REVISION	BY	DATE	MATERIAL I.D.
0	APPROVED	TM	04-16-12	SPV
1	ADDED U.L. INFO, REV. LAYOUT	KD	12-06-17	



TRAY SIDE RAIL HEIGHT		CATALOG NUMBER	P	D	EXTRUSION PROFILE	PLATE QTY.	‡
H* (NOMINAL)	ACTUAL						
4	4.25"	SPV-A4-(F*)4	3.87"	2.62"	EXT-SP-604	4	
5	5.25"	SPV-A5-(F*)4	4.87"	3.62"	EXT-SP-605	4	
6	6.25"	SPV-A6-(F*)4	5.87"	4.62"	EXT-SP-606	4	
7	7.25"	SPV-A7-(F*)4	6.87"	5.62"	EXT-SP-607	4	

‡ MARK "√" IN BOX TO INCLUDE IN SUBMITTAL

F*	FASTENER MATERIAL	INCLUDED FASTENERS	FASTENER CATALOG NO.	QTY.	‡
G	GEOMET-PLATED STEEL	3/8" x 3/4" RIBBED-NECK SCREW	F-RNS-38-34-G	10	
		3/8" FLANGED HEX NUT	F-FHN-38-G	10	
S	TYPE 316 STAINLESS STEEL	3/8" x 3/4" RIBBED-NECK SCREW	F-RNS-38-34-S	10	
		3/8" FLANGED HEX NUT	F-FHN-38-S	10	

NOTES:

1. COMPLETE ASSEMBLY CONSISTS OF (4) PLATES WITH FASTENERS INDICATED.

INSTALLATION: INSTALL IN ACCORDANCE WITH NEMA STD. PUBLICATION VE-2 "CABLE TRAY INSTALLATION GUIDELINES".

CLASSIFIED

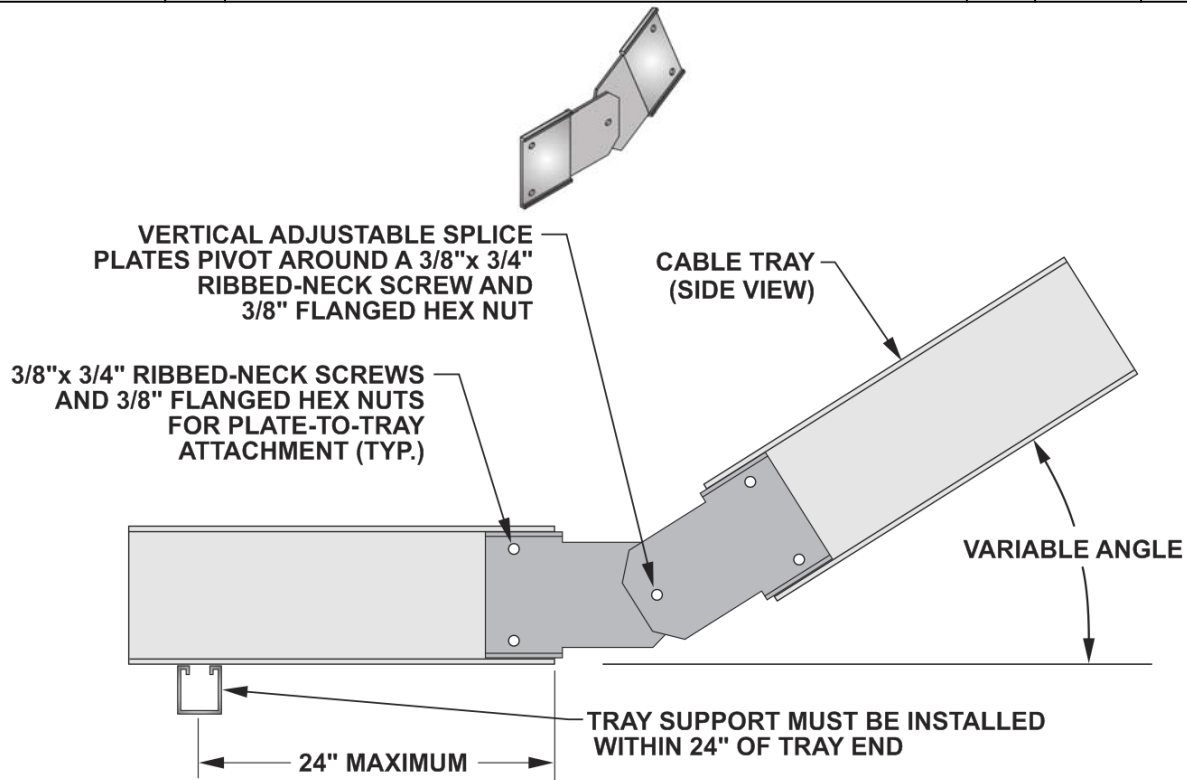
 CABLE TRAYS EMPLOYING THESE CONNECTORS ARE CLASSIFIED BY UNDERWRITERS LABORATORIES TO BE SUITABLE FOR USE AS EQUIPMENT GROUNDING CONDUCTORS. BONDING JUMPERS ARE NOT REQUIRED TO MAINTAIN GROUND PATH INTEGRITY. RESISTANCE ACROSS COUPLING IS LESS THAN 0.00033 OHMS. CERTIFIED BY U.L. TO MEET NEC. 392 AND NEMA STD. VE1, CSA-C22.2 NO. 126.1.
 UL FILE E341872

MATERIAL: EXTRUDED ALUMINUM 6063-T6
 NOTE: ALL DIMENSIONS ARE SUBJECT TO THE MANUFACTURING TOLERANCE SPECIFICATIONS IN DOCUMENT USP-QA-05-02.

ATKORE		SHEET NO. 1 OF 1
560 WHARTON CIRCLE, SUITE E ATLANTA, GA 30336 USA		PHONE: 404-696-8585 FAX: 404-696-8599
DESCRIPTION VERTICAL ADJUSTABLE SPLICES - 4 HOLES		
CATALOG NUMBER	CATALOG NUMBER VARIABLES	
SPV-A(H*)-(F*)4	H* = NOMINAL TRAY SIDE RAIL HEIGHT IN INCHES (4, 5, 6, 7) F* = FASTENER MATERIAL (G OR S)	



NO.	REVISION	BY	DATE	MATERIAL I.D.
0	APPROVED	TM	04-16-12	SPV
1	UPDATED TITLE BLOCKS	KD	12-05-17	



SIDE VIEW OF TRAY ASSEMBLY

VERTICAL ADJUSTABLE SPLICE PLATE INSTALLATION:

1. INSTALL PLATES ON THE OUTSIDE OF ALL TRAY SIDE RAILS WITH THE PLATE FLANGES FACING OUTWARD.
2. INSTALL SCREWS WITH HEADS ON THE INSIDE OF THE TRAY AND HEX NUTS ON THE OUTSIDE OF THE TRAY.
3. LOOSEN HEX NUTS AT CENTER PIVOT POINTS TO ALLOW ADJUSTMENT OF ANGLE BETWEEN TRAYS. WHEN DESIRED ANGLE IS ACHIEVED, TIGHTEN NUTS AT CENTER PIVOT POINT.
4. TO ENSURE PROPER ALIGNMENT, FINGER-TIGHTEN ALL NUTS FIRST. THEN TURN EACH NUT $\frac{1}{2}$ TURN WITH A WRENCH.
5. TIGHTEN THE NUTS WITH ENOUGH TORQUE TO PULL THE UNDERSIDE OF THE SCREW HEADS INTO CONTACT WITH THE TRAY SIDE RAILS (APPROX. 25-30 FT-LBS TORQUE). TIGHTEN THE NUTS AT THE CENTER PIVOT IN A SIMILAR FASHION, ENSURING THAT THE HEAD OF THE SCREW IS IN FIRM CONTACT WITH THE CONNECTOR PLATE.
6. THE RIBBED NECK OF THE SCREW IS DESIGNED TO GRIP THE SIDE RAIL AND PREVENT ROTATION WHILE TIGHTENING. IF ROTATION DOES OCCUR, USE A PHILLIPS DRIVER TO SECURE THE SCREW HEAD WHILE TIGHTENING THE NUT.
7. USE 7/16" BIT TO DRILL NEW HOLES IN SIDE RAILS WHEN MAKING FIELD MODIFICATIONS.
8. TRAY SUPPORTS SHOULD BE LOCATED WITHIN 24" OF EACH TRAY END.
9. TESTS CONDUCTED BY UNDERWRITERS LABORATORIES, INC. CONFIRMED THAT THE RESISTANCE ACROSS THESE VERTICAL ADJUSTABLE SPLICES IS LESS THAN 0.00033 OHMS (UL FILE NO.E341872), PER NEMA STD. VE1 SEC. 5.1. THEREFORE BONDING JUMPERS ARE NOT REQUIRED IN ORDER TO MAINTAIN GROUND PATH INTEGRITY.
10. REFER TO NEMA STANDARD PUB. VE2 "CABLE TRAY INSTALLATION GUIDELINES" FOR MORE INFORMATION.

THESE INSTRUCTIONS APPLY TO ALL VERTICAL ADJUSTABLE SPLICE CONNECTORS UTILIZING 4 OR 8 SPLICE-TO-TRAY BOLTS PER SET OF PLATES. (ABOVE ILLUSTRATIONS SHOW 4-BOLT PLATES; 8-BOLT INSTALLATION SIMILAR).

MATERIAL: EXTRUDED ALUMINUM 6063-T6

NOTE: ALL DIMENSIONS ARE SUBJECT TO THE MANUFACTURING TOLERANCE SPECIFICATIONS IN DOCUMENT USP-QA-05-02.

ATKORE		SHEET NO.
560 WHARTON CIRCLE, SUITE E ATLANTA, GA 30336 USA		1 OF 1
PHONE: 404-696-8585 FAX: 404-696-8599		DIMENSIONS INCHES
DESCRIPTION VERTICAL ADJUSTABLE SPLICE INSTALLATION		
CATALOG NUMBER	CATALOG NUMBER VARIABLES	
SPV-A(H*)-(F*)4/8		