



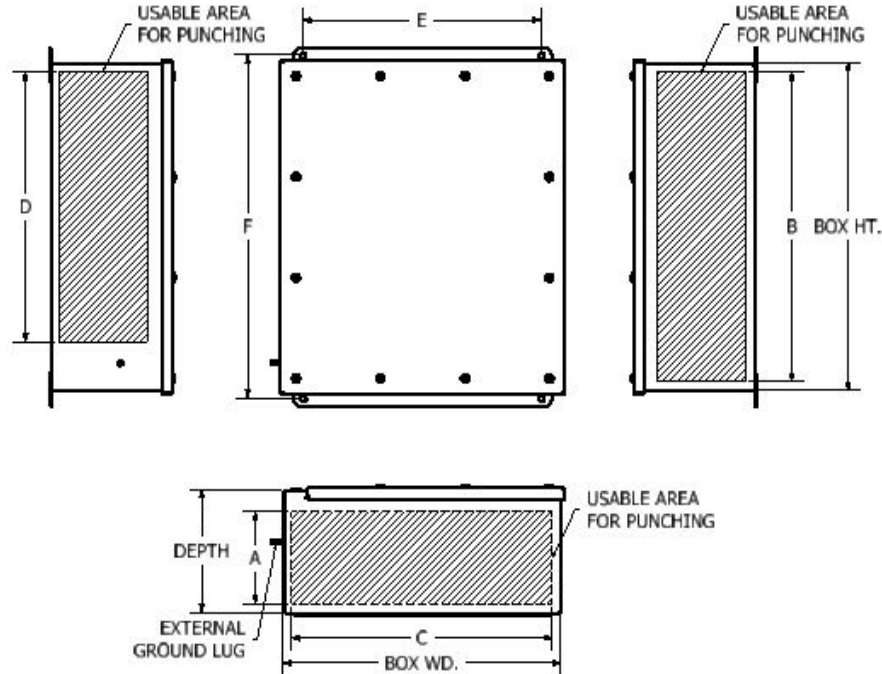
KILLARK

HUBBELL ELECTRICAL PRODUCTS
A Division of HUBBELL INCORPORATED (Delaware)
3940 Dr. Martin Luther King Drive
St. Louis, Missouri 63113 USA

**INSTALLATION, OPERATION &
MAINTENANCE DATA SHEET**
SERIES SJIC and SJCH JUNCTION BOXES
Increased Safety Terminal Enclosures For Use In
Zone Classified Hazardous Locations

METAL ENCLOSURES

FIGURE 1 - SJIC (SCREW COVER) - (See Table 2 below)



Note: The maximum hole size for an enclosure wall using the "A" dimension and for boxes with a nominal depth of 3" (76mm) = 1-1/2" NPT (M40), with a nominal depth of 4" (102mm) = 2" NPT (M50), with a nominal depth of 5" (127mm) = 2-1/2" NPT (M63) and with a nominal depth of 6" (152mm) = 3-1/2" NPT (M80) .

TABLE 1 - SJIC OVERALL DIMENSION CHART

Catalog Number	Height in. (mm)	Width in. (mm)	Depth in. (mm)	"E"	"F"	"A" Blank Wall Area	"B" Blank Wall Area	"C" Blank Wall Area	"D" Blank Wall Area
SJIC 040403	4 (102)	4 (102)	3 (76)	2.00 (51)	4.75 (121)		3.13 (79)	3.13 (79)	1.19 (30)
SJIC 060403	6 (152)	4 (102)	3 (76)	2.00 (51)	6.75 (171)		5.13 (130)	3.13 (79)	3.19 (81)
SJIC 040404	4 (102)	4 (102)	4 (102)	2.00 (51)	4.75 (121)	2.47(63)	3.13 (79)	3.13 (79)	1.19 (30)
SJIC 060404	6 (152)	4 (102)	4 (102)	2.00 (51)	6.75 (171)	2.47(63)	5.13 (130)	3.13 (79)	3.19 (81)
SJIC 060604	6 (152)	6 (152)	4 (102)	4.00 (102)	6.75 (171)	2.47(63)	5.13 (130)	5.13 (130)	3.19 (81)
SJIC 060606	6 (152)	6 (152)	6 (152)	4.00 (102)	6.75 (171)	4.47 (114)	5.13 (130)	5.13 (130)	3.19 (81)
SJIC 080606	8 (203)	6 (152)	6 (152)	4.00 (102)	8.75 (222)	4.47 (114)	7.13 (181)	7.13 (181)	5.19 (132)
SJIC 080804	8 (203)	8 (203)	4 (102)	6.00 (152)	8.75 (222)	2.47(63)	7.13 (181)	7.13 (181)	5.19 (132)
SJIC 080806	8 (203)	8 (203)	6 (152)	6.00 (152)	8.75 (222)	4.47 (114)	7.13 (181)	7.13 (181)	5.19 (132)
SJIC 100804	10 (254)	8 (203)	4 (102)	6.00 (152)	10.75 (273)	2.47(63)	9.13 (232)	7.13 (181)	7.19 (183)
SJIC 100806	10 (254)	8 (203)	6 (152)	6.00 (152)	10.75 (273)	4.47 (114)	9.13 (232)	7.13 (181)	7.19 (183)
SJIC 101006	10 (254)	10 (254)	6 (152)	8.00 (203)	10.75 (273)	4.47 (114)	9.13 (232)	9.13 (232)	7.19 (183)
SJIC 121005	12 (305)	10 (254)	5 (127)	8.00 (203)	12.75 (324)	3.47 (88)	11.13 (283)	9.13 (232)	9.19 (233)
SJIC 121006	12 (305)	10 (254)	6 (152)	8.00 (203)	12.75 (324)	4.47 (114)	11.13 (283)	9.13 (232)	9.19 (233)
SJIC 121206	12 (305)	12 (305)	6 (152)	10.00 (254)	12.75 (324)	4.47 (114)	11.13 (283)	11.13 (283)	9.19 (233)
SJIC 141206	14 (356)	12 (305)	6 (152)	10.00 (254)	14.75 (375)	4.47 (114)	13.13 (334)	11.13 (283)	11.19 (284)
SJIC 161406	16 (406)	14 (356)	6 (152)	12 (305)	16.75 (425)	4.47 (114)	15.13 (384)	13.13 (334)	13.19 (335)

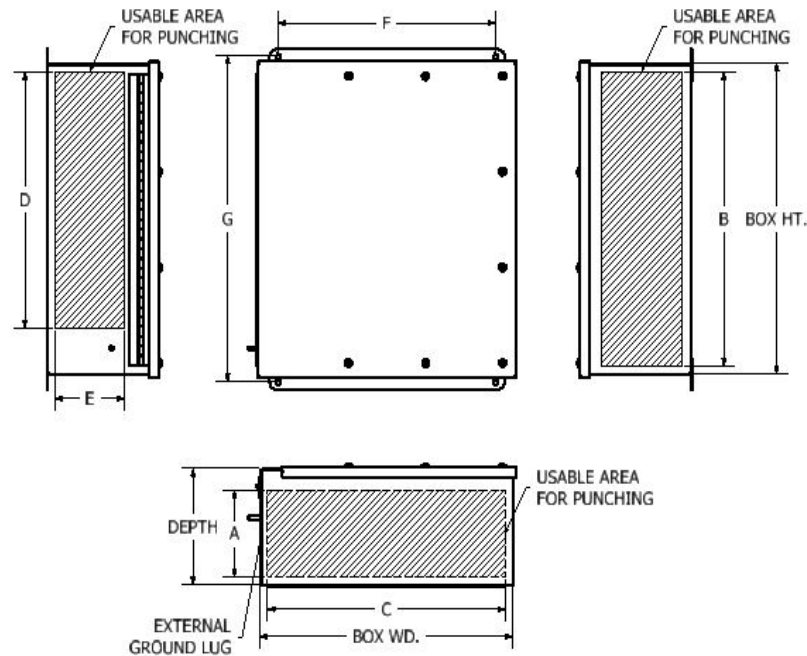


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FIGURE 2 - SJICH (HINGED SCREW COVER) - (See Table 3 below)



Note: The maximum hole size for an enclosure with blank walls using the "A" dimension and for boxes with a nominal depth of 3" (76mm) = 1-1/2" NPT (M40), with a nominal depth of 4" (102mm) = 2" NPT (M50), with a nominal depth of 5" (127mm) = 2-1/2" NPT (M63) and with a nominal depth of 6" (152mm) = 3-1/2" NPT (M80).

The maximum hole size for an enclosure with blank walls using the "E" dimension and for boxes with a nominal depth of 3" (76mm) = N/A, with a nominal depth of 4" (102mm) = 1-1/4" NPT (M32), with a nominal depth of 5" (127mm) = 2" NPT (M50) and with a nominal depth of 6" (152mm) = 3" NPT (M75).

TABLE 2 - SJICH OVERALL DIMENSION CHART

Catalog Number	Height in. (mm)	Width in. (mm)	Depth in. (mm)	"F"	"G"	"A" Blank Wall Area	"B" Blank Wall Area	"C" Blank Wall Area	"D" Blank Wall Area	"E" Blank Wall Area
SJICH 060604	6 (152)	6 (152)	4 (102)	4.00 (102)	6.75 (171)	2.47(63)	5.13 (130)	5.13 (130)	3.19 (81)	1.81 (46)
SJICH 060606	6 (152)	6 (152)	6 (152)	4.00 (102)	6.75 (171)	4.47 (114)	5.13 (130)	5.13 (130)	3.19 (81)	3.81 (97)
SJICH 080606	8 (203)	6 (152)	6 (152)	4.00 (102)	8.75 (222)	4.47 (114)	7.13 (181)	7.13 (181)	5.19 (132)	3.81 (97)
SJICH 080804	8 (203)	8 (203)	4 (102)	6.00 (152)	8.75 (222)	2.47(63)	7.13 (181)	7.13 (181)	5.19 (132)	1.81 (46)
SJICH 080806	8 (203)	8 (203)	6 (152)	6.00 (152)	8.75 (222)	4.47 (114)	7.13 (181)	7.13 (181)	5.19 (132)	3.81 (97)
SJICH 100804	10 (254)	8 (203)	4 (102)	6.00 (152)	10.75 (273)	2.47(63)	9.13 (232)	7.13 (181)	7.19 (183)	1.81 (46)
SJICH 100806	10 (254)	8 (203)	6 (152)	6.00 (152)	10.75 (273)	4.47 (114)	9.13 (232)	7.13 (181)	7.19 (183)	3.81 (97)
SJICH 101006	10 (254)	10 (254)	6 (152)	8.00 (203)	10.75 (273)	4.47 (114)	9.13 (232)	9.13 (232)	7.19 (183)	3.81 (97)
SJICH 121005	12 (305)	10 (254)	5 (127)	8.00 (203)	12.75 (324)	3.47 (88)	11.13 (283)	9.13 (232)	9.19 (233)	2.81 (71)
SJICH 121006	12 (305)	10 (254)	6 (152)	8.00 (203)	12.75 (324)	4.47 (114)	11.13 (283)	9.13 (232)	9.19 (233)	3.81 (97)
SJICH 121206	12 (305)	12 (305)	6 (152)	10.00 (254)	12.75 (324)	4.47 (114)	11.13 (283)	11.13 (283)	9.19 (233)	3.81 (97)
SJICH 141206	14 (356)	12 (305)	6 (152)	10.00 (254)	14.75 (375)	4.47 (114)	13.13 (334)	11.13 (283)	11.19 (284)	3.81 (97)
SJICH 161406	16 (406)	14 (356)	6 (152)	12 (305)	16.75 (425)	4.47 (114)	15.13 (384)	13.13 (334)	13.19 (335)	3.81 (97)