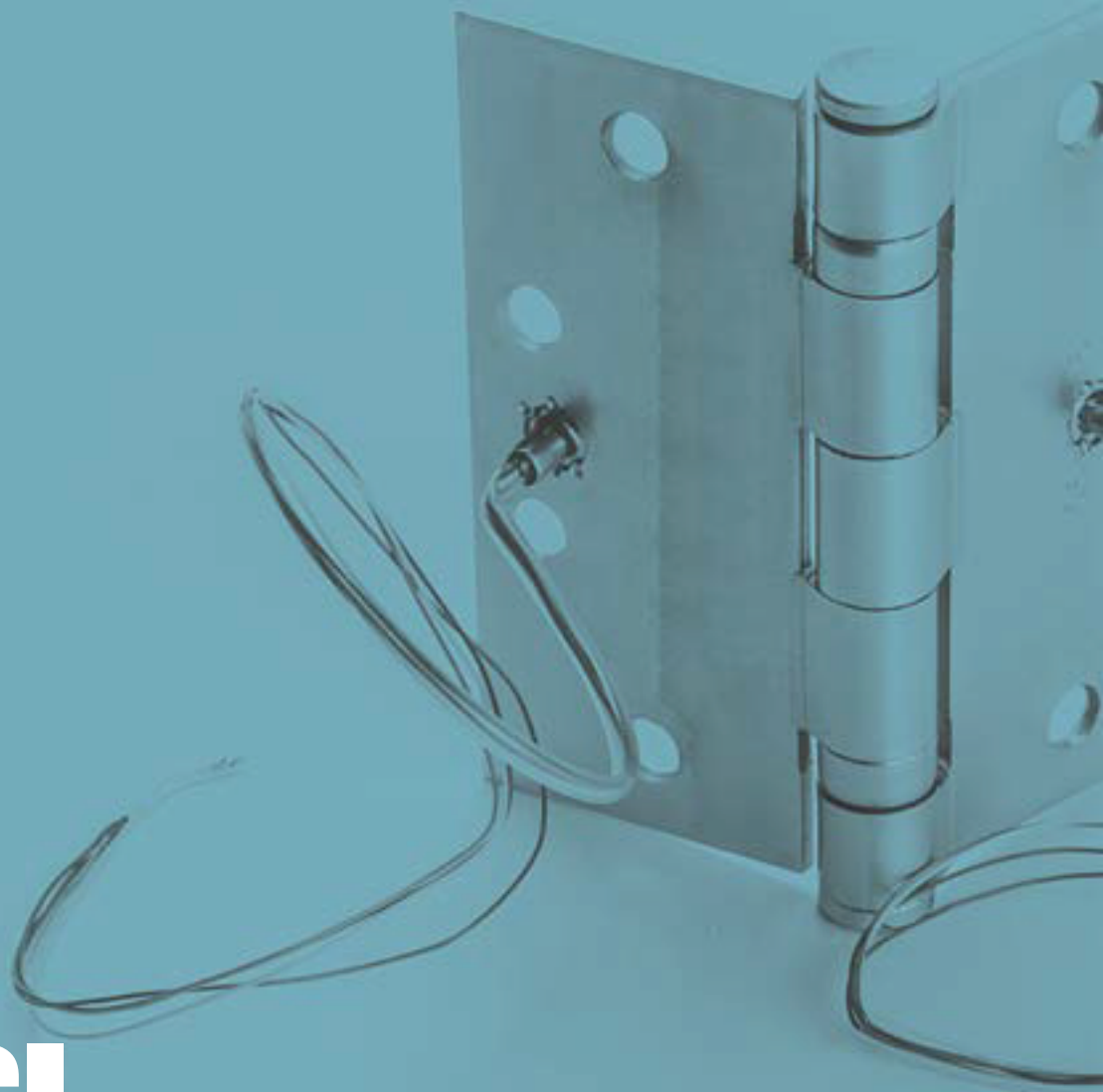


Series 1100

Electric Hinges/Pivots

Hager
IVES
McKinney
BEST
PBB
Bommer
Rixson
ABH
and more



ACSI

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Series 1100 | Electric Hinges/Pivots

ACSI Series 1100 Electric Hinges/Pivots are designed for doors that require concealed low voltage power transfer, concealed electric monitoring or concealed low voltage power transfer with monitoring. ACSI Series 1100 products are UL Listed and carry a full one-year warranty.

Manufacturers

Hager, IVES, McKinney, BEST, PBB, Bommer, Rixson, ABH, Dorma, Design Hardware, Don-Jo and more*

*Consult factory for manufacturers not listed

- All IVES electric hinges supplied with Allegion connectors
- All McKinney electric hinges supplied with ASSA connectors

Options

- Custom wire lead lengths
- Universal Molex® Connectors
- Connectors available in Hager, ASSA or IVES specification

Features

- UL listed (UL File BP6073)
- UL Fire Rating on steel and stainless electric hinges (UL File R22305)
- Provide current transfer to electrified mortise or cylindrical locks, exit devices with electric latch retraction, electric strikes (pair of doors), & locks with monitoring/request to exit switches
- UL Rated for 3.5 amp continuous and a 16amp pulse
- Standard weight or heavy weight models
- Steel, brass, or stainless steel hinges
- Available in five knuckle and three knuckle hinges
- All architectural finishes in sizes 4x4 through 6x6
- Hinges/Pivots in stock for same day shipments

Notes

- Electric hinge must be placed in the center position only.
- ACSI requires NON-NRP hinges for modification. Hinge pin is not field removable after modification.
- ACSI part #302-03-03 mortar guard is required for all application with grout-filled frames. Failure to install mortar guard will void the electric hinge warranty.
- All "specialty hinges" not previously modified by ACSI will include a onetime \$250 design/engineering fee plus the hinge modification price.

Comparison Chart

ACSI	BEST	HAGER	McKINNEY	IVES
1104	CE-54	ETW-4	CC-4	TW4
1106	CE-56	ETW-6	CC-6	TW6
1108	CE-58	ETW-8	CC-8	TW8
1110	CS	EMN	CS	MON
1114	CECS-54	ETM-4	CSCC-4	TW4M
1116	CECS-56	ETM-6	CSCC-6	TW6M
1118	CECS-58	ETM-8	CSCC-8	TW8M

Models Available

Model	Description
1102	Concealed electric through-wire (2 wire, 22ga)
1104	Concealed electric through-wire (4 wire, 26/28ga)
1106	Concealed electric through-wire (6 wire, 26/28ga)
1108	Concealed electric through-wire (8 wire, 26/28ga)
1100-10	Concealed electric through-wire (10 wire, 26/28ga)
1100-12	Concealed electric through-wire (12 wire, 26/28ga)
1102x4	Concealed electric through-wire (2 wire, 22ga x 4 wire, 26/28ga)
1182*	Concealed electric through-wire (2 wire, 18ga)
1182x4*	Concealed electric through-wire (2 wire, 18ga x 4 wire, 26/28ga)
1182x6*	Concealed electric through-wire (2 wire, 18ga x 6 wire, 26/28ga)
1110	Concealed electric monitor
1114	Concealed electric monitor and through-wire (4 wire, 26/28ga)
1116	Concealed electric monitor and through-wire (6 wire, 26/28ga)
1118	Concealed electric monitor and through-wire (8 wire, 26/28ga)

* Not available in pivot modification

How to Order

Manufacturer's Model	ACSI Model
BEST FBB179 4.5x4.5 26D	1104
Hager BB1279 5.0x4.5 10B	1108
Rixson M19 US26 LH	1110

Electrical Specifications

Concealed electric through-wire

- 22ga, 26ga, 28ga conductors, 12 inch wire lead length both sides
 - 3.5A continuous @ 50VAC/VDC
 - 16A pulse @ 50VAC/DC
 - 400msec maximum pulse-width
 - 10sec minimum off-time between pulses
- 18ga conductors, 12 inch wire lead length both sides
 - 10A continuous @ 50VAC/VDC
 - 20A inrush @ 50VAC/DC for 4sec

Concealed electric monitor

- 0.5A @ 30VDC



SERIES 1100

Electric Hinges/Pivots

Below pricing for hinges supplied by ACSI. Consult factory for hinges not listed.

Standard Weight, 5 Knuckle, Steel 4 wire			BB1279	5BB1	TA2714	FBB179
4.0x4.0	26D 652	1104	\$212	\$230	\$230	\$212
	10A/10B 641/640		224	244	244	224
	BLK 693		224	244	244	224
	3 632		224	244	244	224
	26 651		224	244	244	224
	10 639		224	244	244	224
	4 633		224	244	244	224
	P/BSP 600		224	244	244	224
4.5x4.0	26D 652	1104	\$206	\$224	\$224	\$206
	10A/10B 641/640		224	244	244	224
	BLK 693		224	244	244	224
	3 632		224	244	244	224
	26 651		224	244	244	224
	10 639		224	244	244	224
	4 633		224	244	244	224
	P/BSP 600		224	244	244	224
4.5x4.5	26D 652	1104	\$186	\$186	\$186	\$186
	10A/10B 641/640		190	208	208	190
	BLK 693		190	208	208	190
	3 632		190	208	208	190
	26 651		190	208	208	190
	10 639		190	208	208	190
	4 633		190	208	208	190
	P/BSP 600		190	208	208	190
5.0x4.0	26D 652	1104	\$224	\$244	\$244	\$224
	10A/10B 641/640		240	262	262	240
	BLK 693		240	262	262	240
	3 632		240	262	262	240
	26 651		240	262	262	240
	10 639		240	262	262	240
	4 633		240	262	262	240
	P/BSP 600		240	262	262	240

Series 1100 | Electric Hinges/Pivots

Standard Weight, 5 Knuckle, Steel 4 wire				BB1279	5BB1	TA2714	FBB179
5.0X4.5	26D 652	1104		\$216	\$234	\$234	\$216
	10A/10B 641/640			234	254	254	234
	BLK 693			234	254	254	234
	3 632			234	254	254	234
	26 651			234	254	254	234
	10 639			234	254	254	234
	4 633			234	254	254	234
	P/BSP 600			234	254	254	234
5.0x5.0	26D 652	1104		\$220	\$240	\$240	\$220
	10A/10B 641/640			234	254	254	234
	BLK 693			234	254	254	234
	3 632			234	254	254	234
	26 651			234	254	254	234
	10 639			234	254	254	234
	4 633			234	254	254	234
	P/BSP 600			234	254	254	234
Heavy Weight, 5 Knuckle, Steel 4 wire				BB1168	5BB1HW	T4A3786	FBB168
4.5X4.0	26D 652	1104		\$244	\$266	\$266	\$244
	10A/10B 641/640			262	286	286	262
	BLK 693			262	286	286	262
	3 632			262	286	286	262
	26 651			262	286	286	262
	10 639			262	286	286	262
	4 633			262	286	286	262
	P/BSP 600			262	286	286	262
4.5X4.5	26D 652	1104		\$236	\$256	\$256	\$236
	10A/10B 641/640			258	280	280	258
	BLK 693			258	280	280	258
	3 632			258	280	280	258
	26 651			258	280	280	258
	10 639			258	280	280	258
	4 633			258	280	280	258
	P/BSP 600			258	280	280	258

Series 1100 | Electric Hinges

Heavy Weight, 5 Knuckle, Steel 4 wire			BB1168	5BB1HW	T4A3786	FBB168
5.0x4.5	26D 652	1104	\$246	\$268	\$268	\$246
	10A/10B 641/640		270	294	294	270
	BLK 693		270	294	294	270
	3 632		270	294	294	270
	26 651		270	294	294	270
	10 639		270	294	294	270
	4 633		270	294	294	270
	P/BSP 600		270	294	294	270
5.0x5.0	26D 652	1104	\$252	\$274	\$274	\$252
	10A/10B 641/640		270	294	294	270
	BLK 693		270	294	294	270
	3 632		270	294	294	270
	26 651		270	294	294	270
	10 639		270	294	294	270
	4 633		270	294	294	270
	P/BSP 600		270	294	294	270
Standard Weight, 5 Knuckle, Brass or Stainless Steel 4 wire			BB1191	5BB1	TA2314	FBB191
4.5x4.0	26D 626	1104	\$242	\$264	\$264	\$242
	10B 613		246	268	268	246
	3 605		246	268	268	246
	26 625		246	268	268	246
	10 612		246	268	268	246
	4 606		246	268	268	246
	32 629		308	334	334	308
	32D 630		288	312	312	288
4.5x4.5	26D 626	1104	\$238	\$260	\$260	\$238
	10B 613		246	268	268	246
	3 605		246	268	268	246
	26 625		246	268	268	246
	10 612		246	268	268	246
	4 606		246	268	268	246
	32 629		298	326	326	298
	32D 630		278	304	304	278
5.0x4.5	26D 626	1104	\$270	\$294	\$294	\$270
	10B 613		284	310	310	284
	3 605		284	310	310	284
	26 625		284	310	310	284
	10 612		276	300	300	276
	4 606		276	300	300	276
	32 629		308	334	334	308
	32D 630		292	318	318	292

1-800-753-5558

Series 1100 | Electric Hinges

Standard Weight, 5 Knuckle, Brass or Stainless Steel 4 wire			BB1191	5BB1	TA2314	FBB191
5.0x5.0	26D 626	1104	\$270	\$294	\$294	\$270
	10B 613		284	310	310	284
	3 605		284	310	310	284
	26 625		284	310	310	284
	10 612		276	300	300	276
	4 606		276	300	300	276
	32 629		316	344	344	316
	32D 630		306	332	332	306
Heavy Weight, 5 Knuckle, Brass or Stainless Steel 4 wire			BB1199	5BB1HW	T4A3386	FBB199
4.5x4.0	26D 626	1104	\$290	\$316	\$316	\$290
	10B 613		300	328	328	300
	3 605		300	328	328	300
	26 625		300	328	328	300
	10 612		300	328	328	300
	4 606		300	328	328	300
	32 629		346	376	376	346
	32D 630		324	352	352	324
4.5x4.5	26D 626	1104	\$290	\$316	\$316	\$290
	10B 613		300	328	328	300
	3 605		300	328	328	300
	26 625		300	328	328	300
	10 612		300	328	328	300
	4 606		300	328	328	300
	32 629		346	376	376	346
	32D 630		314	342	342	314
5.0x4.5	26D 626	1104	\$300	\$328	\$328	\$300
	10B 613		318	346	346	318
	3 605		318	346	346	318
	26 625		318	346	346	318
	10 612		318	346	346	318
	4 606		318	346	346	318
	32 629		368	400	400	368
	32D 630		332	362	362	332
5.0x5.0	26D 626	1104	\$300	\$328	\$328	\$300
	10B 613		318	346	346	318
	3 605		318	346	346	318
	26 625		318	346	346	318
	10 612		318	346	346	318
	4 606		318	346	346	318
	32 629		368	400	400	368
	32D 630		340	372	372	340

Series 1100 | Electric Hinges

Standard Weight, 3 Knuckle, Steel 4 wire			AB700	3CB1	TA714	CB1900
4.5x4.5	26D 652	1104	\$218	\$238	\$238	\$218
	10A/10B 641/640		234	254	254	234
	BLK 693		234	254	254	234
	3 632		234	254	254	234
	26 651		234	254	254	234
	10 639		228	250	250	228
	4 633		228	250	250	228
	P/BSP 600		228	250	250	228
5.0x4.5	26D 652	1104	\$234	\$254	\$254	\$234
	10A/10B 641/640		242	264	264	242
	BLK 693		242	264	264	242
	3 632		242	264	264	242
	26 651		242	264	264	242
	10 639		238	260	260	238
	4 633		238	260	260	238
	P/BSP 600		238	260	260	238
5.0x5.0	26D 652	1104	\$234	\$254	\$254	\$234
	10A/10B 641/640		242	264	264	242
	BLK 693		242	264	264	242
	3 632		242	264	264	242
	26 651		242	264	264	242
	10 639		238	260	260	238
	4 633		238	260	260	238
	P/BSP 600		238	260	260	238
Heavy Weight, 3 Knuckle, Steel 4 wire			AB750	3CB1HW	TA786	CB1901
4.5x4.5	26D 652	1104	\$292	\$318	\$318	\$292
	10A/10B 641/640		310	338	338	310
	BLK 693		310	338	338	310
	3 632		310	338	338	310
	26 651		310	338	338	310
	10 639		310	338	338	310
	4 633		310	338	338	310
	P/BSP 600		310	338	338	310
5.0x4.5	26D 652	1104	\$310	\$338	\$338	\$310
	10A/10B 641/640		326	354	354	326
	BLK 693		326	354	354	326
	3 632		326	354	354	326
	26 651		326	354	354	326
	10 639		326	354	354	326
	4 633		326	354	354	326
	P/BSP 600		326	354	354	326

Series 1100 | Electric Hinges

Standard Weight, 3 Knuckle, Brass or Stainless Steel 4 wire			AB800	3CB1	TA314	CB1960
4.5x4.5	26D 626	1104	\$288	\$312	\$312	\$288
	10B 613		346	376	376	346
	3 605		346	376	376	346
	26 625		346	376	376	346
	10 612		288	312	312	288
	32 629		326	354	354	326
	32D 630		326	354	354	326
5.0x4.5	26D 626	1104	\$314	\$342	\$342	\$314
	10B 613		368	400	400	368
	3 605		368	400	400	368
	26 625		368	400	400	368
	10 612		314	342	342	314
	32 629		358	390	390	358
	32D 630		358	390	390	358
5.0x5.0	26D 626	1104	\$314	\$342	\$342	\$314
	10B 613		334	364	364	334
	3 605		334	364	364	334
	26 625		334	364	364	334
	10 612		314	342	342	314
	32 629		358	390	390	358
	32D 630		358	390	390	358
Heavy Weight, 3 Knuckle, Brass or Stainless Steel 4 wire			AB850	3CB1HW	TA386	CB1961
4.5x4.5	26D 626	1104	\$320	\$350	\$350	\$320
	10B 613		380	412	412	380
	3 605		380	412	412	380
	26 625		380	412	412	380
	10 612		320	350	350	320
	32 629		372	406	406	372
	32D 630		372	406	406	372
5.0x4.5	26D 626	1104	\$356	\$388	\$388	\$356
	10B 613		412	450	450	412
	3 605		412	450	450	412
	26 625		412	450	450	412
	10 612		356	388	388	356
	32 629		396	432	432	396
	32D 630		396	432	432	396
5.0x5.0	26D 626	1104	\$356	\$388	\$388	\$356
	10B 613		412	450	450	412
	3 605		412	450	450	412
	26 625		412	450	450	412
	10 612		356	388	388	356
	32 629		396	432	432	396
	32D 630		396	432	432	396

Series 1100 | Electric Hinges Options (ADD TO 1104 LIST PRICE)

Model	Hinge Option Description	List Price
1106	Concealed electric through-wire (6 wire, 26/28 ga)	\$66
1108	Concealed electric through-wire (8 wire, 26/28 ga)	70
1100-10	Concealed electric through-wire (10 wire, 26/28 ga)	140
1100-12	Concealed electric through-wire (12 wire, 26/28 ga)	150
1102	Concealed electric through-wire (2 wire, 22 ga)	60
1102x4	Concealed electric through-wire (2 wire, 22 ga x 4 wire, 26/28 ga)	110
1182	Concealed electric through-wire (2 wire, 18 ga)	70
1182x4	Concealed electric through-wire (2 wire, 18 ga x 4 wire, 26/28 ga)	120
1182x6	Concealed electric through-wire (2 wire, 18 ga x 6 wire, 26/28 ga)	140
1110	Concealed electric monitor	24
1114	Concealed electric through-wire + monitor (4 wire)	186
1116	Concealed electric through-wire + monitor (6 wire)	220
1118	Concealed electric through-wire + monitor (8 wire)	234
1100-PG	Concealed electric through-wire (2 wire + ground, 18 ga) for 115V power transfer	450
ES	Exposed electric switch (1 switch)	Consult Factory
RC	Radius corner hinges	30
L	Long wire leads	Consult Factory
302 -03-03	7" Hinge mortar guard	44

Note: Consult factory for Swing Clear, Wide Throw, Half Mortise, Half Surface, Raised Barrel, Hospital Tips, and all other hinges not listed for price and availability.

Electric Pivots

Pivot	Finish	Model	List Price
M19	26D, 26, 10B, 3, 10, 4	1102/1104	\$660
M19	26D, 26, 10B, 3, 10, 4	1110	700
M19	26D, 26, 10B, 3, 10, 4	1108	680

Electric Hinges/Pivots Modifications

Below pricing for modifications to distributor supplied hinges.

Model	Hinge Option Description	List Price
1104	Concealed electric through-wire (4 wire, 26/28 ga)	\$184
1106	Concealed electric through-wire (6 wire, 26/28 ga)	240
1108	Concealed electric through-wire (8 wire, 26/28 ga)	250
1100-10	Concealed electric through-wire (10 wire, 26/28 ga)	300
1100-12	Concealed electric through-wire (12 wire, 26/28 ga)	320
1102	Concealed electric through-wire (2 wire, 22 ga)	230
1102x4	Concealed electric through-wire (2 wire, 22 ga x 4 wire, 26/28 ga)	290
1182	Concealed electric through-wire (2 wire, 18 ga)	250
1182x4	Concealed electric through-wire (2 wire, 18 ga x 4 wire, 26/28 ga)	300
1182x6	Concealed electric through-wire (2 wire, 18 ga x 6 wire, 26/28 ga)	320
1110	Concealed electric monitor	190
1114	Concealed electric through-wire + monitor (4 wire, 26/28 ga)	360
1116	Concealed electric through-wire + monitor (6 wire, 26/28 ga)	400
1118	Concealed electric through-wire + monitor (8 wire, 26/28 ga)	440

Series 1100 | Electric Hinges/Pivots Modification Comparison Chart

ACSI	BEST	HAGER	IVES	McKINNEY
1104	CE-54	ETW-4	TW4	CC-4
1106	CE-56	ETW-6	TW6	CC-6
1108	CE-58	ETW-8	TW8	CC-8
1110	CS	EMN	MON	CS
1114	CECS-54	ETM-4	TW4M	CSCC-4
1116	CECS-56	ETM-6	TW6M	CSCC-6
1118	CECS-58	ETM-8	TW8M	CSCC-8

HOW TO ORDER (EXAMPLE)

Hinge/Part Description	Modification
FBB179 4.5x4.5 26D	1104
BB1279 5.0X4.5 10B	1108
M19-US26 LH	1110



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