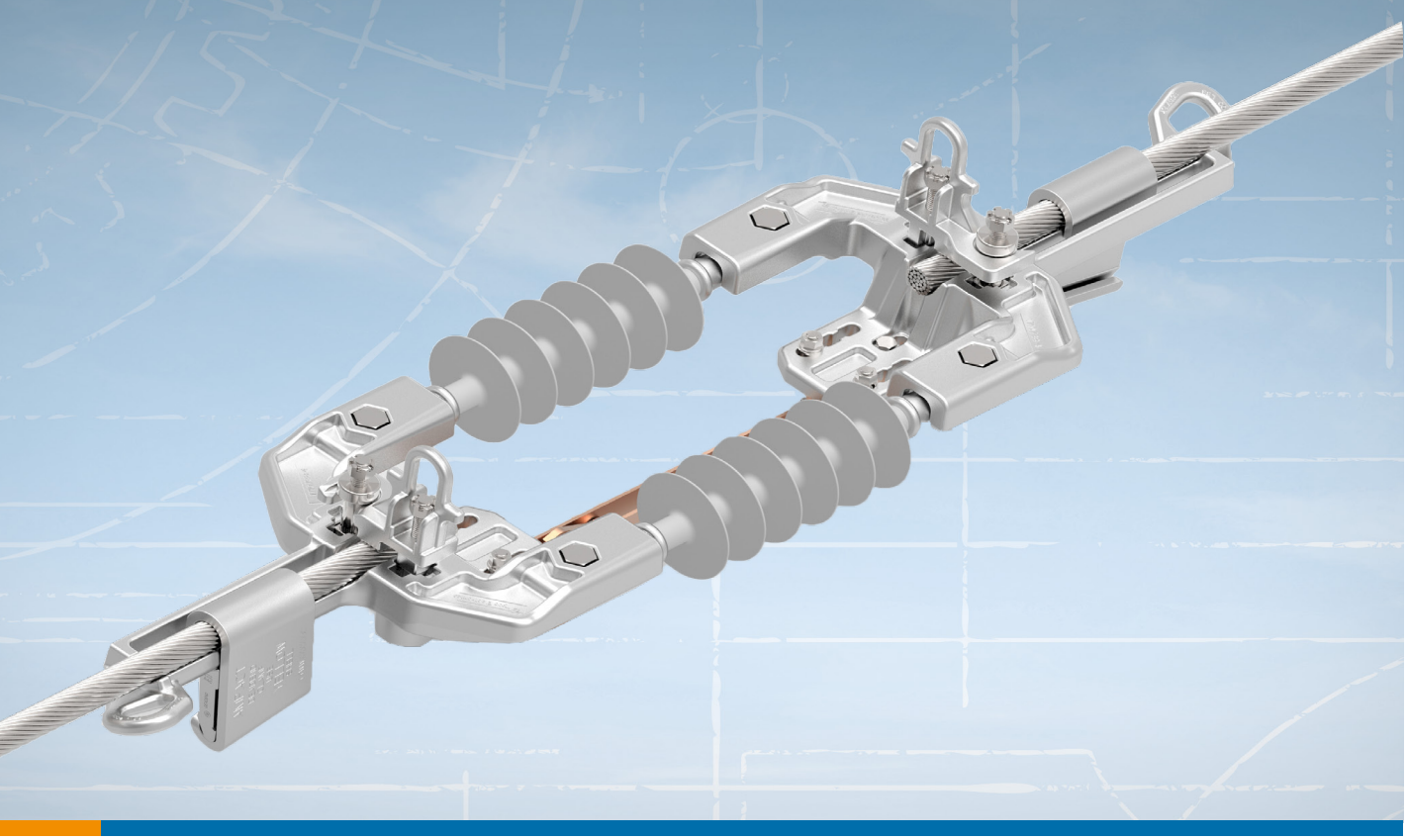

AMPACT IN-LINE DISCONNECT SWITCH (ILD-II)

15 kV TO 69 kV CLASS

KEY FEATURES

- Installation with standard AMPACT tooling
- Quick, easy manual or hot-stick application
- Both mechanical and electrical connection made simultaneously with the AMPACT tap
- No line tensioning devices required for installation
- Double string of polymeric insulators prevents rolling of the switch
- Copper disconnect blade assembly suspended below the insulators simplifying the cutting of conductor

The AMPACT In-Line Disconnect Switch (ILD-II) combines the reliability of copper blade components and a doublestring of polymeric insulators with the AMPACT deadend yoke assembly. The result is an in-line disconnect that can be installed without the need for tensioning devices.

The proven performance of AMPACT deadend technology has been utilized in the design of the AMPACT In-Line Disconnect Switch (ILD-II). The dead-end yokes are bolted to (2) two polymeric insulators. The copper blade assembly is connected to the AMPACT deadend yoke assemblies between and below the double string of insulators. This provides adequate space for cutting the conductor after installation of the AMPACT deadend taps.

Standard AMPACT tap application procedures are used to make both electrical and mechanical connections simultaneously. The AMPACT In-Line Disconnect Switch (ILD-II) can be installed on standard stranded all aluminum conductors (AAC) or aluminum conductor steel reinforced (ACSR) in conductor sizes from 2 to 1033.5.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

AMPACT In-Line Disconnect Switch (ILD-II)

Current Class: 900A

PRODUCT SELECTION INFORMATION

Conductors Accommodated			Deadend Taps	15 kV, 110 kV BIL		29 kV, 150 kV BIL	
Body Size	ACSR	AAC		w/Taps	w/o Taps	w/Taps	w/o Taps
X-SMALL	#2 1/0 (6/1) 2/0 (6/1)	#2 1/0 2/0	1-83843-4	1-1710723-1 * 1-1710725-2**	1710722-6* 1710724-6 **	1-1710727-1* 1-1710729-3**	1710726-6* 1710728-6**
X-SMALL	1/0 (6/1) 2/0 (6/1)	1/0 2/0	1-83843-0	1710723-1* 1710725-1**	1710722-1* 1710724-1**	1710727-1* 1710729-1**	1710726-1* 1710728-1**
SMALL	3/0 (6/1) 4/0 (6/1)	4/0	83843-7	1710723-2* 1710725-2**	1710722-2* 1710724-2**	1710727-2* 1710729-2**	1710726-2* 1710728-2**
SMALL	266.8 (18/1)	266.8	83843-1	1710723-3* 1710725-3**		1710727-3* 1710729-3**	
SMALL	266.8 (26/7) 336.4 (18/1), (26/7), (30/7)	336.4, 350, 397.5	83843-2	1710723-4* 1710725-4**		1710727-4* 1710729-4**	
LARGE	397.5 (18/1), (24/7), (26/7), (30/7) 477.0 (18/1)	450, 477, 500	83843-3	1710723-5* 1710725-5**	1710722-3* 1710724-3**	1710727-5* 1710729-5**	1710726-3* 1710728-3**
LARGE	477.0 (26/7) 556.5 (18/1)	556.5	83843-4	1710723-6* 1710725-6**		1710727-6* 1710729-6**	
X-LARGE	477.0 (30/7) 556.5 (24/7), (26/7), (30/7) 605.0 (24/7), (26/7) 636 (18/1), (36/1)	600, 636, 650, 700	83843-5	1710723-7* 1710725-7**	1710722-4* 1710724-4**	1710727-7* 1710729-7**	1710726-4* 1710728-4**
X-LARGE	605 (30/19) 636 (26/7), (24/7), (30/19) 666.6 (24/7), (26/7)	715.5, 750, 795	83843-6	1710723-8* 1710725-8**		1710727-8* 1710729-8**	
X-LARGE	795 (24/7), (26/7), (30/7), (30/19), (54/7)	954	1-83843-1	1710723-9* 1710725-9**		1710727-9* 1710729-9**	
XX-LARGE	954 (45/7), (24/7), (54/7) 1033.5 (45/7), (54/7)	1033.5 1113.0	1-83843-3	1-1710723-0* 1-1710725-1**	1710722-5* 1710724-5**	1-1710727-0* 1-1710729-2**	1710726-5* 1710728-5**

*Kline insulator and S&C Blades ** Kline insulators and Royal Blades

PRODUCT SELECTION INFORMATION

Conductors Accommodated			Deadend Taps	35 kV, 200 kV BIL		46 kV, 250 kV BIL		69 kV, 350 kV BIL	
Body Size	ACSR	AAC		w/Taps	w/o Taps	w/Taps	w/o Taps	w/Taps	w/o Taps
X-SMALL	#2 1/0 (6/1) 2/0 (6/1)	#2 1/0 2/0	1-83843-4	1-1710731-3* 1-1710733-3**	1710730-6 * 1710732-6 **	1-1710735-0**	1710734-5**	1-1710737-0**	1710736-5**
X-SMALL	1/0 (6/1) 2/0 (6/1)	1/0 2/0	1-83843-0	1710731-1* 1710733-1**	1710730-1* 1710732-1**	1710735-9**	1710734-4**	1710737-9**	1710736-4**
SMALL	3/0 (6/1) 4/0 (6/1)	4/0	83843-7	1710731-2* 1710733-2**	1710730-2* 1710732-2**	1710735-1**	1710734-1**	1710737-1**	1710736-1**
SMALL	266.8 (18/1)	266.8	83843-1	1710731-3* 1710733-3**		1710735-2**		1710737-2**	
SMALL	266.8 (26/7) 336.4 (18/1), (26/7), (30/7)	336.4, 350, 397.5	83843-2	1710731-4* 1710733-4**		1710735-3**		1710737-3**	
LARGE	397.5 (18/1), (24/7), (26/7), (30/7) 477.0 (18/1)	450, 477, 500	83843-3	1710731-5* 1710733-5**	1710730-3* 1710732-3**	1710735-4**	1710734-2**	1710737-4**	1710736-2**
LARGE	477.0 (26/7) 556.5 (18/1)	556.5	83843-4	"1710731-6* 1710733-6**"		1710735-5**		1710737-5**	
X-LARGE	477.0 (30/7) 556.5 (24/7), (26/7), (30/7) 605.0 (24/7), (26/7) 636 (18/1), (36/1)	600, 636, 650, 700	83843-5	1710731-7* 1710733-7**	1710730-4* 1710732-4**	1710735-6**	1710734-3**	1710737-6**	1710736-3**
X-LARGE	605 (30/19) 636 (26/7), (24/7), (30/19) 666.6 (24/7), (26/7)	715.5, 750, 795	83843-6	1710731-8* 1710733-8**		1710735-7**		1710737-7**	
X-LARGE	795 (24/7), (26/7), (30/7), (30/19), (54/7)	954	1-83843-1	1710731-9* 1710733-9**		1710735-8**		1710737-8**	
XX-LARGE	954 (45/7), (24/7), (54/7) 1033.5 (45/7), (54/7)	1033.5 1113.0	1-83843-3	1-1710731-0* 1-1710733-2**	1710730-5* 1710732-5**	-	-	-	-

*Kline insulator and S&C Blades ** Kline insulators and Royal Blades

AMPACT In-Line Disconnect Switch (ILD-II)

Current Class: 1200A

PRODUCT SELECTION INFORMATION

Conductors Accommodated			Deadend Taps	15 kV, 110 kV BIL		29 kV, 150 kV BIL		35 kV, 200 kV BIL	
Body Size	ACSR	AAC		w/Taps	w/o Taps	w/Taps	w/o Taps	w/Taps	w/o Taps
SMALL	266.8 (26/7) 336.4 (18/1), (26/7), (30/7)	336.4, 350, 397.5	83843-2	1710883-1**	1710886-1**	1710884-1**	1710887-1**	1710885-1**	1710888-1**
X-LARGE	477.0 (30/7) 556.5 (24/7), (26/7), (30/7) 605.0 (24/7), (26/7) 636 (18/1), (36/1)	600, 636, 650, 700	83843-5	1710883-2**	1710886-2**	1710884-2**	1710887-2**	1710885-2**	1710888-2**
X-LARGE	605 (30/19) 636 (26/7), (24/7), (30/19) 666.6 (24/7), (26/7)	715.5, 750, 795	83843-6	1710883-3**		1710884-3**		1710885-3**	
X-LARGE	795 (24/7), (26/7), (30/7), (30/19), (54/7)	954	1-83843-1	1710883-4**		1710884-4**		1710885-4**	

** Kline insulators and Royal Blades

PERFORMANCE CHARACTERISTICS

- Voltage: 15 kV (110 kV BIL), 29 kV (150 kV BIL), 35 kV (200 kV BIL) 46 kV (250 BIL) 69 kV (350 kV BIL)
- Current: 900 and 1200 Amps
- Frequency: 60Hz
- Momentary Current: 40,000 Amps
- Short Time Current: 25,000 Amps, 3 sec.

TECHNICAL DOCUMENTS

- Instruction Sheet: PII 56078
- Engineering Test Report: 502-47376

APPROVALS

- RUS Listed
- ANSI: C119.4, C37.32, C37.34
- IEEE: C37.30
- CSA: C83.71

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