

Short circuit coordination update for Softstarters PSTX and PSE

Scope

Due to end-of-life of components, new short circuit tests with ABB softstarters (type PSTX and PSE) and ABB Tmax T breakers have been performed, resulting in changes in ratings and new enclosure sizes.

Description of change

UL

- PSTX142 high fault short circuit limit reduced to 25kA for T5 breaker UL
- PSE142...170 high fault short circuit current removed with T5 and T6 breaker UL
- PSE18...105 high fault short circuit current removed with T5 breaker UL
- New enclosure sizes for PSTX30...170 and PSE142...170 UL

IEC

- New enclosure sizes for PSTX30...170 and PSE142...170 IEC
- Removed short circuit coordination with PSTX142 and T5 breakers for IEC

Below is the complete PSE and PSTX enclosure size table. This information will be available in SOC and in respective softstarter manual.

Softstarter, type	UL coordination				IEC Coordination		
	H (inch)	W (inch)	D (inch)	Latches	H (mm)	W (mm)	D (mm)
PSTX30...105	24	20	10	2	610	508	305
PSTX142...170	30	24	12	4	762	610	305
PSTX210...370	30	24	12	4	914	762	305
PSTX470...570	48	36	16	8	1219	914	405
PSTX720...840	60	36	16	8	1524	914	405
PSTX1050...1250	60	36	16	8	1524	914	405
PSE18...105	24	20	12	2	610	508	305
PSE142...170	30	24	12	4	762	610	305
PSE210...370	30	24	12	4	762	610	305

Please take appropriate actions to verify all new installations follow the updated coordination.