

Date:	2024-01-11	Author:	BBJ	Name:	-	
Version:	1.0	Reviewer:	-	Approver:	-	

Following Conditions of Acceptability exist when using the MIS17x, 23x and 34x in an application which require UL (US) or ULc (Canada) certification.

- Ambient temperature:** Max. 40 deg. C.
- Supply voltage (P+ terminal):** Max. 60VDC
- Type of power supply:** An isolating type DC power supply. The devices are evaluated for use in Overvoltage Category II only.
- Duty cycle MIS17x:** Max. 36%, on-time = 35 sec. Supply current max. 4 ARMS.
- Duty cycle MIS23x:** Max. 36%, on-time = 35 sec. Supply current max. 5 ARMS.
- Duty cycle MIS34x:** Max. 50%, on-time = 58 sec. Supply current max. 4 ARMS.
- Duty cycle MIS34x:** Max. 28%, on-time = 22 sec. Supply current max. 5 ARMS.
- Control circuit (CVI terminal):** 7-30VDC 150mA + max 500mA for the user outputs.
- Terminals/Connectors:** These devices are provided with terminals suitable for factory wiring only.
- Pre-fuse MIS17x:** These devices are to be protected by supplementary fuse rated **4A** and 60Vdc minimum.
- Pre-fuse MIS23x:** These devices are to be protected by supplementary fuse rated **8A** and 60Vdc minimum.
- Pre-fuse MIS34x:** These devices are to be protected by supplementary fuse rated **10A** and 60Vdc minimum.

Notes:

- Motors with functional safety (STO) are included in the certification but the functional safety function it self have not been evaluated in relation to UL or ULc. But notice that TÜV have certified and approved the functional safety function (STO)
- The MIS17x/23x and 34x family is UL/ULc recognized under UL file no: E254947