

MICRO SWITCH™ Hazardous Area Switches

Hazardous Location Approvals

Agency Approval Hazardous Designations Sealing Operating Temp.										
										
14CE100	CLSX	GXA/GXE	LSX	EX	GSX	CX	WBX	BX2	VPX	BX
ATEX (CE)	UL	IEC Ex	CSA	INMETRO	cULus	UL	cULus	cULus	ATEX (CE)	EAC (GOST-R)
II 2 G Ex d IIC T6	Div I & 2, Class I Groups B, C, & D	II 2 G Ex d IIC T6	Div I & 2, Class I Groups B, C, & D	IEC Ex	ATEX	CSA	ATEX (CE)	ATEX (CE)	IEC Ex	UL
II 2 D Ex tD A21 T85C	Div I & 2, Class II Groups E, F, & G	II 2 D Ex tD A21 T85C	Div I & 2, Class II Groups E, F, & G	UL	IEC Ex	ATEX (CE)*	IEC Ex	IEC Ex	KOSHA	CSA
IP65/66/67	NEMA 1, 3, 4, 13	IP66	NEMA 1, 3, 4, 6, 13	CSA	KOSHA	IEC Ex*	FCC, IC, ETSI	IEC Ex	NEPSI	ATEX (CE)
0 °C to 70 °C	-25 °C to 40 °C	3 A: -20 °C to 75 °C 4 A: -20 °C to 60 °C	-40 °C to 121 °C	ATEX (CE)	INMETRO	INMETRO*	Div I & 2, Class I Groups B, C, & D	INMETRO	II G Ex ia IIC T4 Ga (prox version)	IEC Ex
				IEC Ex	Div I & 2, Class I Groups B, C, & D	Div I & 2, Class I Groups B, C, & D	Div I & 2, Class II Groups E, F, & G	NEPSI	II D Ex ia IIIC T135°C Da (prox version)	ATEX (CE)
				INMETRO	Div I & 2, Class II Groups E, F, & G	Div I & 2, Class II Groups E, F, & G	II 1 G Ex ia IIC T4 Ga	Div I & 2, Class II Groups E, F, & G	II 2 G Ex db IIC T6 Gb	INMETRO
				EX: II 2 G Ex d IIB + H ₂ T6 Gb EXHT: II 2 G Ex d IIB + H ₂ T2 Gb	II 2 G Ex d IIC T6 Gb	II 2 G Ex d IIC T6	Class I, Zone 0, AEx ia IIC T4 Ga; Class I, Zone 1, AEx ia IIC T4 Ga	II 2 G Ex d IIC T6 Gb 1 Ex d IIC T6 Gb	IP66/67	II 2 G Ex d IIC T6 Gb 1 Ex d IIC T6 Gb
				IP67	II 2 D Ex t IIIC IP6X T85C Db	II 2 D Ex tD A21 IP66 T85C	Class II, Zone 20, AEx ia IIIC T135°C; Class II, Zone 21, AEx ia IIIC T135°C	II 2 D Ex tb IIIC T85C Db	NEMA 1, 3, 4, 4X, 6, 13	II 2 D Ex tb IIIC T85C Db
				NEMA 1	IP67	IP66/67	IP67	IP67	-40 °C to 50 °C (4 EM switch version)	IP67
				NEMA 1, 4, 6, 12, 13	NEMA 1, 4, 6, 12, 13	NEMA 1, 3, 4, 4X, 6, 6P, 13	NEMA 1, 3, 4, 6, 13	NEMA 1, 3, 4, 4X, 6, 13	-40 °C to 60 °C (2 EM switch version)	NEMA 1, 3, 4, 6, 13
				-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 70 °C	-40 °C to 80 °C (prox switch version)	-40 °C to 70 °C