

## MICRO SWITCH™ Hazardous Area Switches

### Hazardous Location Approvals

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

\* Select catalog listings

While Honeywell provides application assistance personally, through its literature and the Honeywell Web site, it is up to the customer to determine the suitability of the product in the application.