


MICRO SWITCH™ Hazardous Area Switches

Hazardous Location Approvals



Agency Approval											BX					
Hazardous Designations											BX2	VPX	BX			
Sealing											WBX	BX2	VPX	BX		
Operating Temp.											GSX	CX	WBX	BX2	VPX	BX
				IS-WPS	EX	GSX	CX	WBX	BX2	VPX	BX					
		GXA/GXE	LSX	cULus	UL	cULus	UL	cULus	cULus	cULus	EAC (GOST-R)					
	CLSX	ATEX (CE)	UL	ATEX	ATEX (CE)	ATEX	CSA	ATEX (CE)	ATEX (CE)	ATEX (CE)	UL					
14CE100	UL	IEC Ex	CSA	IEC Ex	IEC Ex	IEC Ex	CSA	IEC Ex	IEC Ex	IEC Ex	CSA					
ATEX (CE)	CSA	KOSHA	Div I & 2, Class I Groups B, C, & D	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	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					
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 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	Class II, Zone 20, AEx ia IIC T135°C; Class II, Zone 21, AEx ia IIC T135°C	II 2 D Ex tb IIC T85C Db	NEMA 1, 3, 4, 4X, 6, 13	II 2 D Ex tb IIC T85C Db					
II 2 D Ex tD A21 T85C	Div I & 2, Class II Groups E, F, & G	II 2 D Ex tD A21 T85C	IP67	Zone 1 Ex ia IIC T4 Ga; Zone 0 Ex ia IIC T4 Ga	EX: II 2 G Ex d IIB + H ₂ T6 Gb EXHT: II 2 G Ex d IIB + H ₂ T2 Gb	IP67	IP66/67	IP67	IP67	-40 °C to 50 °C (4 EM switch version)	IP67					
IP65/66/67	NEMA 1, 3, 4, 13	IP66	NEMA 1, 3, 4, 6, 13	IP65, IP67 (self certified)	NEMA 1	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					
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	-40 °C to 70 °C	EX: -40 °C to 70 °C EXHT: -40 °C to 204 °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					

*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.

Honeywell Sensing and Internet of Things

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