

MICRO SWITCH HAZARDOUS AREA SWITCHES

HAZARDOUS LOCATION APPROVALS

Agency Approval		Hazardous Designations		Sealing		Operating Temp.				
14CE100	V15W2	CLSX	GXA/GXE	LSX	EX	GSX	CX	BX2	VPX	BX
ATEX (CE)	ATEX (CE)	UL	ATEX (CE)	UL	IEC Ex	cULus	UL	cULus	ATEX (CE)	cULus
II 2 G Ex d IIC T6	IEC Ex	CSA	NEPSI	CSA	INMETRO	ATEX	CSA	ATEX (CE)	IEC Ex	UL
II 2 D Ex tD A21 T85C	Zone 2 Ex nC IIA T5 Gc	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	Div I & 2, Class I Groups B, C, & D	ATEX (CE)*	ATEX (CE)*	IEC Ex	KOSHA/KTL	CSA
IP65/66/67	IP67 equivalent	Div I & 2, Class II Groups E, F, & G	II 2 D Ex tD A21 T85C	IP67	Div I & 2, Class II Groups E, F, & G	IEC Ex*	IEC Ex*	INMETRO	NEPSI	ATEX (CE)
0°C to 70°C	-25°C to 85°C	NEMA 1, 3, 4, 13	IP66	NEMA 1, 3, 4, 6, 13	EX: II 2 G Ex db IIB + H ₂ T6 Gb EXHT: II 2 G Ex db IIB + H ₂ T2 Gb	KOSHA/KTL*	KOSHA/KTL*	KOSHA/KTL	II G Ex ia IIC T4 Ga (prox version)	IEC Ex
		3 A: -20°C to 75°C 4 A: -20°C to 60°C	NEMA 1	NEMA 1, 4, 6, 12, 13	II 2 G Ex d IIC T6 Gb	INMETRO*	INMETRO*	NEPSI	II D Ex ia IIC T135°C Da (prox version)	ATEX (CE)
		-25°C to 40°C	IP67	NEMA 1, 3, 4, 6, 13	Div I & 2, Class I Groups B, C, & D	INMETRO	INMETRO	NEPSI	II D Ex tb IIIC T85°C Db	CSA
		-40°C to 121°C	IP67	NEMA 1, 3, 4, 6, 13	Div I & 2, Class II Groups E, F, & G	II 2 G Ex d IIC T6	II 2 G Ex d IIC T6	IP66/67	II 2 G Ex db IIC T6 Gb 1 Ex d IIC T6 Gb	ATEX (CE)
		-40°C to 70°C	IP67	NEMA 1, 3, 4, 6, 13	Div I & 2, Class I Groups B, C, & D	II 2 D Ex tD A21 IP66 T85C	II 2 D Ex tD A21 IP66 T85C	IP67	NEMA 1, 3, 4, 4X, 6, 13	IEC Ex
		-40°C to 70°C	IP67	NEMA 1, 3, 4, 6, 13	EX: II 2 G Ex db IIB + H ₂ T6 Gb EXHT: II 2 G Ex db IIB + H ₂ T2 Gb	II 2 D Ex tb IIIC T85°C Db	II 2 D Ex tb IIIC T85°C Db	IP67	NEMA 1, 3, 4, 4X, 6, 13	ATEX (CE)
		-40°C to 80°C (prox switch version)	IP67	NEMA 1, 3, 4, 6, 13	EX: II 2 G Ex db IIB + H ₂ T6 Gb EXHT: II 2 G Ex db IIB + H ₂ T2 Gb	II 2 D Ex tb IIIC T85°C Db	II 2 D Ex tb IIIC T85°C Db	IP67	NEMA 1, 3, 4, 4X, 6, 13	IEC Ex
		-40°C to 70°C	IP67	NEMA 1, 3, 4, 6, 13	EX: -40°C to 70°C EXHT: -40°C to 204°C	II 2 D Ex tb IIIC T85°C Db	II 2 D Ex tb IIIC T85°C Db	IP67	NEMA 1, 3, 4, 4X, 6, 13	ATEX (CE)
		-40°C to 70°C	IP67	NEMA 1, 3, 4, 6, 13	EX: -40°C to 70°C EXHT: -40°C to 204°C	II 2 D Ex tb IIIC T85°C Db	II 2 D Ex tb IIIC T85°C Db	IP67	NEMA 1, 3, 4, 4X, 6, 13	IEC Ex

* 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 Safety and Productivity Solutions services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing, or the nearest Authorized Distributor, visit sensing.honeywell.com or call:

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