

HG1X Specifications

General Specifications

		HG1X-252/HG1X-452	HG1X-222/HG1X-422/HG1X-822
PLCs	Safety standards	UL508, UL1604	
	Standards	EMC standards Immunity to ESD: Level 3 as per IEC 61000-4-2 Transient Immunity: Level 3 as per IEC 61000-4-4 Radiated Immunity: Level 3 as per IEC 61000-4-3 Emissions: EN55011 CISPR A Conducted RF Susceptibility: as per IEC 61000-4-6	
Operator Interfaces	Rated voltage	5V DC	24 VDC
	Voltage variation range	5 VDC (+/-) 5%	24 VDC (+/-) 10%
	Power consumption	HG1X-252: 120mA maximum HG1X-452: 160mA maximum	HG1X-222: 1W typical; 3W maximum HG1X-422: 1.5W; 3W maximum HG1X-822: 2.5W; 3W maximum
	Inrush current	N/A	HG1X-222: 45mA @24 VDC HG1X-422: 55mA @24 VDC HG1X-822: 115ma @24 VDC
Automation Software	Operating temperature range	0 to 55°C	
	Operating humidity range	0 to 90% RH (non-condensing)	10 to 90% RH (non-condensing)
	Degree of Protection	IP65	
	Storage temperature	-25 to +80°C	
	Storage humidity	90% RH	95% RH
	Vibration resistance	10 to 61.2Hz, @ 0.2mm displacement 61.2Hz to 150Hz @ 1.5G acceleration (on all axes)	
	Shock resistance	1.5G acceleration for 11ms, 2 shocks per sense per axis (on all axes)	
Power Supplies	Installation	Panel mount	
	Exterior dimensions (W x H x D in mm)	HG1X-252: 108 x 61 x 27 HG1X-452: 183 x 101 x 37	HG1X-222: 108 x 61 x 27 HG1X-422: 183 x 101 x 37 HG1X-822: 183 x 101 x 37
	Panel cutout dimensions in mm	HG1X-252: 92 x 45 HG1X-452: 161 x 79	HG1X-222: 92 x 45 HG1X-422: 161 x 79 HG1X-822: 162 x 79
	Weight	HG1X-252: 137g HG1X-452: 318g	HG1X-222: 150g HG1X-422: 340g HG1X-822: 366g