

# Data sheet

Switching voltage	$\leq 24\text{VDC}$
Contact type	Normally Open
Operation distance_OFF→ON	$\pm 10\text{ mm}$
Operation distance_ON→OFF	$\pm 20\text{ mm}$
Standard sensing target	Steel plate - a galvanized steel sheet 1.6t
Operating frequency	$\leq 500\text{ Hz}$
Material	Cover/Case: PC (915R)
Protection structure	IP67(IEC standard)
Environment_Ambient temperature	-10 to 65 °C, storage: -10 to 70 °C (no freezing or condensation)
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Insulation resistance	$\geq 1,000\text{M}\Omega$ (at 500VDC megger)
Dielectric strength	500VAC - 50/60Hz for 1 min.
Vibration	1.5mm amplitude at frequency of 10 to 55Hz in each X, Y, Z direction for 2 hours
Shock	100m/s <sup>2</sup> (approx. 10G) in each X, Y, Z direction for 3 times
Applied REED SWITCH	Model : ORD324-10-15 (STANDEX MEDER)
Weight	$\approx 107\text{ g}$ ( $\approx 147.2\text{ g}$ )