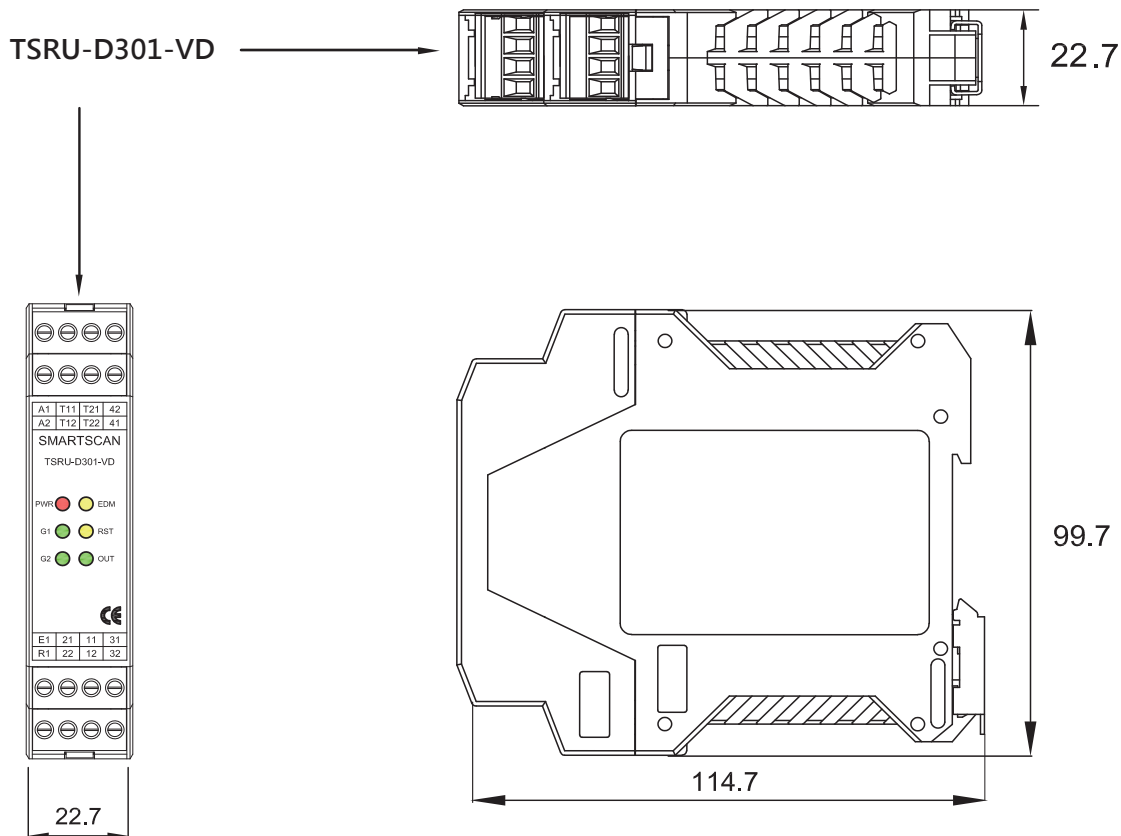


TSRU-D301-VD Series

General specifications

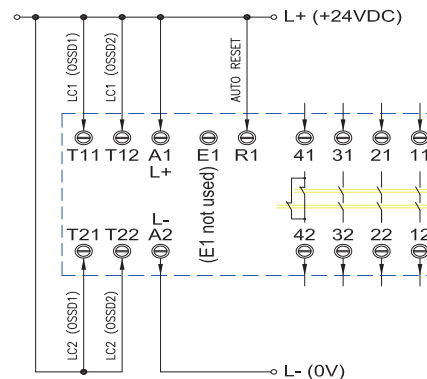
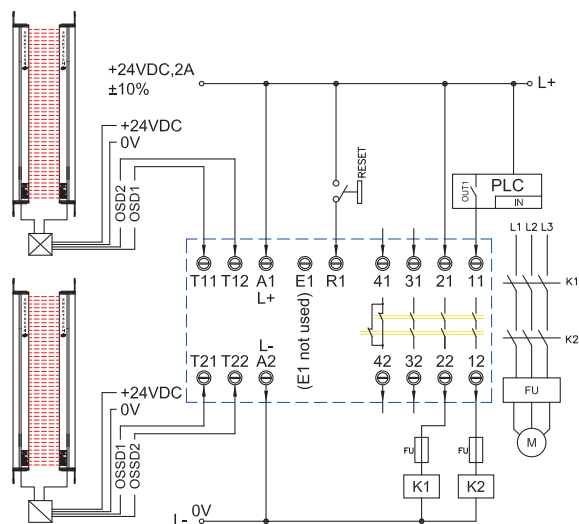
Model No.	TSRU-D301-VD
Power supply	DC 24V
Reset mode	Manual reset / Auto reset
Current consumption	DC 120 mA (MAX)
Output contacts	3A(NO)1B(NC)
Reaction time	20msec (not include response of relay contact)
Contact closing time	$\leq 30\text{msec}$
Contacts release time	$\leq 30\text{msec}$
Relay mechanical life	more than 10^7 operation (No load)
Operating temperature	0°C to +50°C
IP Rating	IP20 (Ingress Protection)Ratings
Safety level	IEC 62061(SIL2) ISO13849-1(PLd) Category3
Dimensions	22.7mm*99.7mm*114.7mm

Dimensions



TSRU-D301-VD Recommended wiring diagram

For safety light curtain application

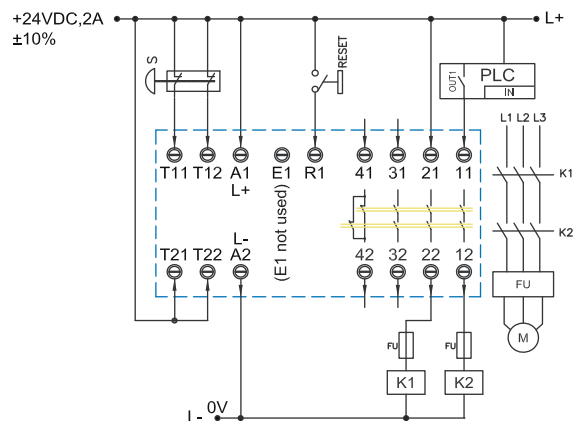


Dual-channel inputs for light curtain or photoelectric sensor, detection of shorts across contacts via ESPE equipment

Category 3 / PL d

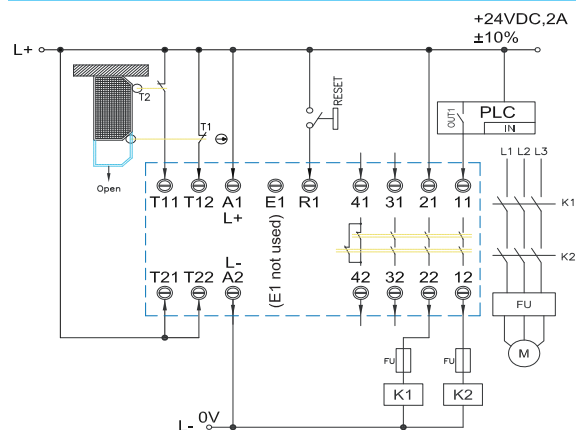
TSRU-D301-VD Recommended wiring diagram

For emergency stop unit



E-STOP dual-channel inputs without detection of shorts across contacts Category 3 / PL d

For interlock device of safety gate(door)



Safety door dual-channel inputs without detection of shorts across contacts Category 3 / PL d