Category according to EN 13849-1	3
Stop category	1
Name	Air and creepage distances between the power circuits
Standards/regulations	DIN EN 50178/VDE 0160
Rated surge voltage / insulation	4 kV / basic isolation (safe isolation, reinforced insulation and 6 kV between input circuit/N/C contacts and enabling current paths).
Rated insulation voltage	250 V
Pollution degree	2
Surge voltage category	III

Connection data

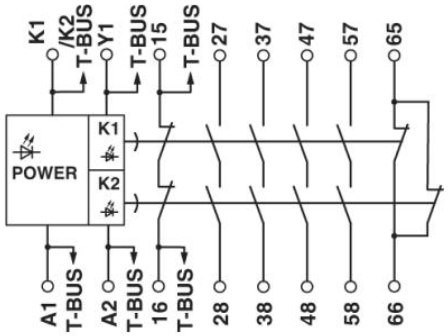
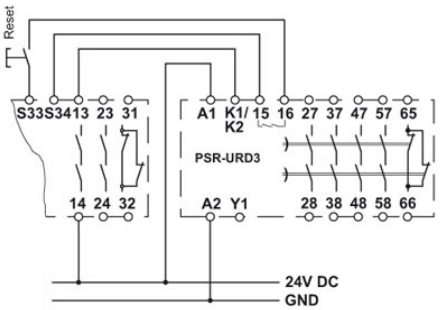
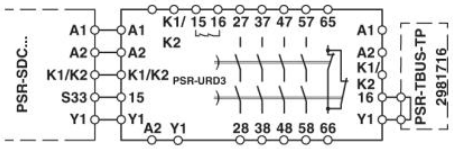
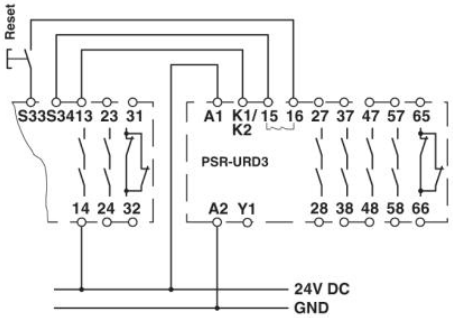
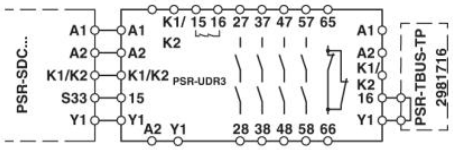
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	7 mm
Screw thread	M3
Connection method	Screw connection

Certificates

Certification — CUL Listed, GOST, TUEV-RH, UL Listed

Accessories

Item	Designation	Description
General		
2890425	PSR-TBUS	PSR-TBUS DIN rail connector, for supplying/controlling/monitoring (depending on the module)
2981716	PSR-TBUS-TP	

Drawings

Circuit diagram