

Environment

Degree of protection	Conforming to IEC 529	IP65, unless otherwise stated IP66, for booted push button heads		
	Conforming to UL 50, CSA C22.2 No. 94	Type 1, 4X, 12, and 13, unless otherwise stated		
Conforming to standards	Marked	IEC 947-1, IEC/EN 60947-5-1, IEC 947-5-4, EN 60947-1, JIS C 4520, UL 508, CSA C22.2 No. 14		
Product certifications	UL Listed, CSA File E164353 CCN NKCR File LR 44087 Class 3211 03	Standard single contacts with screw clamp terminals: A600; R300 Light blocks with screw clamp terminals		

Contact Block Characteristics

Electrical Characteristics

Cabling capacity	Conforming to IEC 947-1	Screw and captive clamp terminals Min: 1 x 24 AWG (0.22 mm ²) without cable end 1 x 22 AWG (0.34 mm ²) for linking Max: 2 x 16 AWG (1.5 mm ²) with cable end Cross headed screw (POZIDRIV type 1) slotted for flat 4 and 5.5 mm screwdriver		
Rated operational characteristics Conforming to IEC/EN 60947-5-1	AC supply: Utilization category AC-15 DC supply: Utilization category DC-13	A600: Ue = 600 Vac and Ie = 1.2 A, or Ue = 240 Vac and Ie = 3 A, or Ue = 120 Vac and Ie = 6 A. Continuous thermal current = 10 A. R300: Ue = 250 Vdc and Ie = 0.1 A, or Ue = 125 Vdc and Ie = 0.22 A		
Voltage limits of PROTECTED LED®	Nominal voltage	24 V: 19.2 to 30 Vdc; 21.6 to 24.6 Vac 120 V: 102 to 132 Vac 240 V: 195 to 264 Vac	Voltage limits	Nominal voltage
Current consumption of PROTECTED LED	Applicable to all colors	24 Vac/dc supply blocks: 18 mA 120 Vac supply blocks: 14 mA 240 Vac supply blocks: 14 mA	Current consumption	Applicable to all colors



XALD101

Start or Stop Function (light gray base, RAL7035; dark gray lid, RAL7016)

Description	Type of Push	Type of Contact		Marking	Catalog Number	
		N.O.	N.C.			

Marking on Legend Holder

1 momentary push button	Flush black	1	...	Start	XALD101	
	Flush red	...	1	Stop	XALD111	



XALK174

Marking on Legend Holder

1 mushroom head push button Ø 40 mm, momentary	Red	...	1	Emergency stop on red legend	XALD164	
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Emergency Stop Function (light gray base, RAL7035; yellow lid, RAL1012)

Description	Type	Type of Contact		Catalog Number	
		N.O.	N.C.		
1 mushroom head push button Ø 40 mm, red Turn-to-release	Standard	...	1	XALK174	
	Trigger action	...	1	XALK178	
1 mushroom head push button Ø 40 mm, red Key release (Key No. 455)	Standard	...	1	XALK184	
	Trigger action	...	1	XALK188	
1 mushroom head push button Ø 40 mm, red Push-pull	Standard	...	1	XALK194	



XALD211

Start-Stop Function (light gray base, RAL7035; dark gray lid, RAL7016)

Description	Type of Push	Type of Contact		Text	Catalog Number	
		N.O.	N.C.			

Text on legend plate

2 momentary push buttons	1 flush black	1	...	Start	XALD211	
	1 flush red	...	1	Stop		
	1 flush black	1	...	Forward	XALD221	
	1 flush black	1	...	Reverse		



XALD321

Three Function (light gray base, RAL7035; dark gray lid, RAL7016)

Description	Type of Push	Type of Contact		Text	Catalog Number	
		N.O.	N.C.			

Text on push button—no legend plates

3 momentary push buttons	1 flush black 1 flush red 1 flush black	1	...	Open	XALD341	
		...	1	Stop		
		1	...	Close		
		1	...	Forward	XALD311	
		...	1	Stop		
		1	...	Reverse		
		1	...	Up	XALD321	
		...	1	Stop		
		1	...	Down		

For additional information, reference Catalog #9001CT0001.