

ACCESS CONTROL PRODUCT SELECTION GUIDE

Controllers	AxTraxNG™			AC-215, AC-215IP, AC-225, AC-225IP, AC-425, AC-425IP, AC-825IP, AX-NG, AX-AV, AX-AVLPR, AX-TM, MD-D02, MD-D04, MD-IO84	8–12	
	ExpansE™			EXP-1032, EXP-2024, EXP-2088, EXP-2016 ME-00, ME-01P14, ME-12P14, ME-14	13–14	
	Accessories			MD-W11NF, MD-W11BP	15	
	Wiegand			AC-115, AS-115, AC-015, AC-020, AS-015	16-17	
	Standalone	Anti-Vandal	Anti-Vandal		AC-Q41H, AC-Q41HB/HP/SB, AC-Q42H, AC-Q42HB/HP/SB, AC-Q44	18
			Anti-Vandal Piezoelectric		AC-S43, AC-T43	19
		Outdoor Backlit PIN / Proximity & PIN	PIN		AC-F43, AC-G43	20
			Proximity & PIN		AC-F44, AC-G44	20
Indoor PIN / Proximity & PIN		PIN		AC-A41, AC-B31, AC-C31, AC-D31	21	
		Proximity & PIN		AC-A42, AC-B32, AC-C32, AC-D32	21	
Readers	UHF			AY-L23, SA-23-B2, SA-23-B4, AY-U900/910, MD-81	22	
	13.56 MHz – O2S®			AY-H6270B/AY-H6280B, AY-H6370B/AY-H6380B, AY-G6270B/AY-G6280B, AY-G6370B/AY-G6380B	23	
	13.56 MHz – CSN SELECT			AYC-M6355, AYC-H6355, AY-K6255, AY-M6255, AY-H6255, AY-L6255	24	
	13.56 MHz – MIFARE® Classic EV1	MIFARE® Contactless Smart Card		AY-H25B, AY-L25B, AY-J25B, AY-K25B, AY-M25B	25	
		MIFARE® Contactless Smart Card Read Sector		AY-M26, AY-W6250W/W6260, AY-W6350W/W6360, AY-Q6250/Q6260, AY-Q6350/Q6360	25–27	
	125 kHz – Rosslare Proximity & goPROX®	Proximity		AY-HR12B/H12C, AY-LR12B/L12C, AY-JR12B/J12C, AY-KR12B/K12C, AY-MR12B/M12C, AY-E20	28	
		Convertible Proximity & goPROX®		AYC-F64, AYC-G64, AYC-M60, AYC-F60, AYC-G60, AYC-E60B, AYC-E60N, AYC-Q60	29-31	
		Convertible		AYC-E65BW/E65BG/E65BB, AYC-E60N/B, AYC-T65N, AYC-T65B	30	
		Anti-Vandal Proximity		AY-Q12, AYC-Q65, AYC-Q64B, AYC-Q60	31	
		Multi-Color		AY-R12	32	
		Indoor Proximity		AY-CR11W, AY-CR12W, AY-DR11W, AY-DR12W	33	
		Indoor Proximity & PIN		AY-C19M, AY-D19M, AY-F66	33-34	
Long- & Medium-Range Proximity		AY-V12B, AY-V64B, AY-Z12A	35			

ANTI-VANDAL US SINGLE GANG PROXIMITY READER SERIES

General Features

- Programmable patented blue backlit keypad

AY-Q12



Anti-Vandal Wiegand 26-Bit Proximity Reader

AYC-Q65



Convertible Anti-Vandal Piezoelectric 3x4 Proximity & PIN Reader/Controller

AYC-Q64B



Convertible Anti-Vandal Backlit 3x4 Proximity & PIN Reader/Controller

AYC-Q60



Convertible Anti-Vandal US Single Gang Backlit goPROX® & PIN Reader



Specification	AY-Q12	AYC-Q65	AYC-Q64B	AYC-Q60
Input Voltage	5–16 VDC			
Maximum Input Current	100 mA	130 mA		
Standby Input Current	35 mA	90 mA	110 mA	
Tamper Output	Open collector, active low, max. sink current 16 mA	Open collector, active low, max. sink current 32 mA		
Max. Read Range*	55 mm (2.2 in.)	45 mm (1.8 in.)		
Operating Temperature Range	-31°C to 63°C (-25°F to 145°F)	-35°C to 66°C (-31°F to 151°F)	-30°C to 65°C (-22°F to 150°F)	
Operating Humidity Range	0 to 95% (non-condensing)			
Outdoor Usage	Weather-resistant, meets IP65			
Read Format	ASK			ASK/FSK
Dimensions (H x W x D)	120 x 76 x 27 mm (4.7 x 3.0 x 1.1 in.)	120 x 76 x 21 mm (4.7 x 3.0 x 0.8 in.)		
Weight	521 g (1.2 lb)	480 g (1.1 lb)		

*Measured using a Rosslare clamshell proximity card or equivalent. Range also depends on installation environment, reader voltage, and proximity to metal.