

Uticor Tough UT3E Series

UTICOR
UT 3 Series

UTICOR TOUGH UT3E SERIES 6 and 10-inch Model Specifications

Part Number		UT3E-06TC-0-A-PV700-0	UT3E-08TC-0-A-0-0
			
Specification		6" TFT Color Slim Bezel	8" TFT Color Slim Bezel
Enclosure		NEMA 4, 4X (Indoor/Outdoor) Class I, Div II	
Display Type		6" TFT (65K Colors)	8" TFT (65K Colors)
Display View Area		4.65"x3.5" (118.1x88.9mm)	6.05"x4.55" (153.7x115.8mm)
Screen Pixels		320x240	640x480
Brightness/Life		400 Nits/100,000 Hours	
Backlight		White LED Strips	
Touch Screen		Analog Resistive 5-Wire Touch Screen	
Service Power		24 VDC (20-30 VDC Operating Range), 1.5A Switching Supply Recommended	
Operating Temp		-20° to 60° C (-4° to 140° F)	
Power	Backlight Off	8 Watts @ 24 VDC	
	Backlight On	15 Watts @ 24 VDC	
Storage Temp		-25 to 65° C (-13 to 149° F)	
Humidity		10-95% RH, non-condensing	
Electrical Noise		NEMA ICS 2-230 showering arc ANSI C27 .90a-1974 SWC Level C Chattering Relay Test	
Withstand Voltage		1000 VDC (1 Minute), between power supply input terminal and protective ground (FG)	
Insulation Resistance		Over 20 MΩ, between power supply input terminal and protective ground (FG)	
Vibration		5 to 55Hz 2G for 2 hours in the X, Y and Z axis	
Shock		10 G for under 12ms in the X, Y and Z axis	
No. of Screens		Up to 999 limited by memory	
Real Time Clock		Built into Panel (PLC clock is still accessible if available)	
Screen Saver		Yes, Backlight off	
Serial/Ethernet Communications		PLC port: RS-232/RS-422/RS-485 15-Pin D-Sub (female)	
Serial/Ethernet Communications Option Cards		Download/Program port: RS-232/RS-422/RS-485 9-Pin D-Sub (female)	
		Ethernet Built-in (10/100 Base-T)	
		DataHighway plus / Remote IO ("H" in position 4)	
Weight		2.3 lbs for Aluminum, 3.3 lbs for Stainless Steel	3.8 lbs for Aluminum, 4.8 lbs for Stainless Steel
External Dimensions		246x179x81.66mm (9.69"x7.05"x3.21")	274x216x79.6mm (10.79"x8.50"x3.13")
Agency Approval		UL, cUL, CE	

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UTICOR TOUGH UT3E SERIES 10 and 15-inch Model Specifications

Part Number		UT3E-10TC-0-A-0-0	UT3E-15TC-0-A-0-0
			
Specification		10" TFT Color Slim Bezel	15" TFT Color Slim Bezel
Enclosure		NEMA 4, 4X (Indoor/Outdoor) Class I, Div II	
Display Type		10" TFT (65K Colors)	15" TFT (65K Colors)
Display View Area		8.31"x6.22" (211.07x158mm)	12.02"x9.01" (305.28 x 228.96mm)
Screen Pixels		800x600	1024x768
Brightness/Life		400 Nits/100,000 Hrs.	
Backlight		White LED Strips	
Touch Screen		Analog Resistive 5-Wire Touch Screen	
Service Power		24 VDC (20-30 VDC Operating Range), 1.5A Switching Supply Recommended	
Operating Temp		-20° to 60° C (-4° to 140° F)	
Power	Backlight Off	8 Watts @ 24 VDC	9 Watts @ 24 VDC
	Backlight On	18 Watts @ 24 VDC	18 Watts @ 24 VDC
Storage Temp		-25 to 65° C (-13 to 149° F)	
Humidity		10-95% RH, non-condensing	
Electrical Noise		NEMA ICS 2-230 showering arc ANSI C27 .90a-1974 SWC Level C Chattering Relay Test	
Withstand Voltage		1000 VDC (1 Minute), between power supply input terminal and protective ground (FG)	
Insulation Resistance		Over 20 MΩ, between power supply input terminal and protective ground (FG)	
Vibration		5 to 55Hz 2G for 2 hours in the X, Y and Z axis	
Shock		10 G for under 12ms in the X, Y and Z axis	
No. of Screens		Up to 999 limited by memory	
Real Time Clock		Built into Panel (PLC clock is still accessible if available)	
Screen Saver		Yes, Backlight off	
Serial/Ethernet Communications		PLC port: RS-232/RS-422/RS-485 15-Pin D-Sub (female)	
Serial/Ethernet Communications Option Cards		Download/Program port: RS-232/RS-422/RS-485 9-Pin D-Sub (female)	
		Ethernet Built-in (10/100 Base-T)	
		DataHighway plus / Remote IO ("H" in position 4)	
Weight		6.8 lbs for Aluminum, 9 lbs for Stainless Steel	8.9 lbs for Aluminum, 11.9 lbs for Stainless Steel
External Dimensions		317.5x241x79.6mm (12.5"x9.48"x3.13")	13"x16.75"x4.66" (332x425.25x118.36mm)
Agency Approval		UL, cUL, CE	