



Uticor Tough UT3 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		