



# 7277 Series Circuit Breakers

Low Amperage, General Application

## Features

**The 7277 series is designed for applications that do not require the tighter performance characteristics and approvals of our military circuit breakers.**

- **Small size**
- **Light weight**
- **Inexpensive**
- **Auxiliary switch**
- **Longer push buttons**



## Overview

The 7277 series circuit breaker is physically and electrically identical to the 7274-2 style circuit breaker, with the exception that the 7277 series has wider calibration limits.

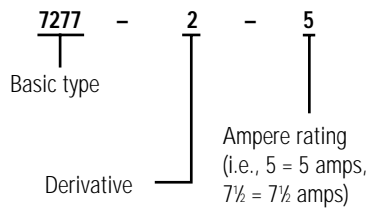
Originally developed as an alternative to slow blow fuses, the trip free 7277 is used extensively as primary electrical circuit protection on general aviation aircraft.

The wider calibration limits of the 7277 has also resulted in applications including protection for data processing and telecommunications equipment, computers, flight simulators, construction, material handling and other industrial, electronic equipment.

For use on trainer / simulator applications where all breakers are operated on low ampere control current, different ampere rating inserts (amp ratings on top of push button) can be ordered. Use TI part number 27515.

(Refer to 7274-2 and 7274-4 dimensions on previous page.)

## Code System



7277-1: Aux. switch version  
7277-2: Std. version

## Ordering Information

Part Number	Ampere Rating	Max. Drop** (volts)
7277-2-1/2	1/2	2.00
7277-2-3/4	3/4	1.45
7277-2-1	1	1.10
7277-2-1 1/2	1 1/2	0.75
7277-2-2	2	0.70
7277-2-2 1/2	2 1/2	0.50
7277-2-3	3	0.33
7277-2-4	4	0.30
7277-2-5	5	0.25
7277-2-7 1/2	7 1/2	0.20
7277-2-10	10	0.15
7277-2-15	15	0.15
7277-2-20	20	0.15

## Calibration: 1/2–20 amps\*

Temp °C	Min ULT Trip	Max ULT Trip	Trip Time - Seconds		
			200%	500%	1000%
+25	110%	150%	2-35	.15-1.70	.028-.55

\* Performance characteristics and dimensions are equivalent to 7274 which are found on page 19.

## Approximate Time-Current Curves 7277 Circuit Breakers

