



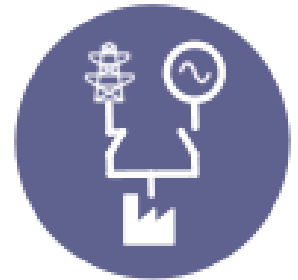
AUTOMATIC TRANSFER SWITCHES

The automatic transfer solution that combines safety and performance

Mertech automatic transfer switches help you to secure your power supply by safely transferring from an unstable or failed mains supply to a standby supply. The speedy transfer helps a reduced outage time together with its associated costs. The integration of power switching and controls in one unique product allows combining high performance with ease of installation.

A complete range of Auto Transfer Switches from 40 to 630 Amps suitable for your applications

Life Safety ATs include a single or double By-Pass Switch



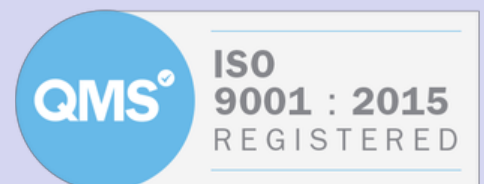
BUILT TO THE HIGHEST STANDARDS

Standards

- CE marked to IEC requirements
- Premium & Life Safety to BS EN 60947-6-1
- Standard & Budget to GB/T 14048.11-2016
- Temperature rise tested
- Quality assurance to ISO 9001

Manufacture

- 40 Years experience in UK
- Quality and technical excellence
- Latest digital production methods
- Rigorous testing regime



Selection Guide

Technical details

Automatic Transfer Switch	Life Safety	Premium	Standard	Utility	Budget
BS EN 60947-6-1 Classification	PC/CC	PC/CC	PC/CC	PC	CB
Automatic with door mtd controller	✓	✓			
Automatic with integrated controller			✓	✓	✓
Manual transfer	✓	✓	✓ PC	✓	✓
Emergency manual transfer via handle	✓ PC	✓ PC	✓ PC	✓	✓
Number of poles	2P/4P	2P/4P	2P/4P	2P/4P	2P/4P
Three phase monitoring	✓	✓	✓	✓	
Single phase monitoring	✓	✓	✓	✓	✓
Mains fail test switch	✓	✓	✓ CC		
By-Pass switch - single line	✓				
Application					
Mains - Generator	✓	✓	✓	✓	✓
Mains - Mains	✓	✓	✓	✓	✓
Generator - Generator (option)	✓	✓			
Controller Details					
Digital Controller with LCD Graphics	✓	✓			
Line 1 & 2 Voltmeter	✓	✓			
Line 1 & 2 Frequency meter	✓	✓			
Line 1 & 2 voltage adjustable settings	✓	✓	✓ CC		
Line 1 & 2 frequency adjustable settings	✓	✓			
Line 1 & 2 changeover timer	✓	✓	✓	✓	
Status Indication					
Line 1 Available status indication	✓	✓	✓	✓	✓
Line 2 Available status indication	✓	✓	✓	✓	✓
Line 1 Closed status indication	✓	✓	✓	✓	✓
Line 2 Closed status indication	✓	✓	✓	✓	✓
Status visible through glazed door				✓	✓ ^(a)
Environment					
IP Rating	IP65 ^(b)	IP65 ^(b)	IP65 ^(b)	IP65 ^(b)	IP65 ^(b)
Standards					
BS EN 60947-6-1	✓	✓	✓ ^(c)	✓ ^(c)	✓ ^(c)
TB 210: BS EN 12845	✓	✓			
BS 8519:2010	✓ CC				
BS 8519:2020	✓ PC				

(a) Options for glazed door or plain door
 (b) For extended outdoor use we recommend our weatherproof enclosures
 (c) BS 60947-6-1 MOD 2013 & GB/T 14048-2016

Applications guide

Installation	Life Safety	Premium	Standard	Utility	Budget
Life Safety Schemes	✓				
Healthcare buildings	✓	✓			
Fire Pump Installations	✓	✓			
Data Centres	✓	✓			
High Rise Apartments	✓	✓			
Office Floors	✓	✓	✓		
Warehouses		✓	✓	✓	
Retail property			✓	✓	✓
Farms & Out-buildings			✓	✓	✓
Domestic and home			✓	✓	✓

The specification for individual schemes must be chosen by a professional.
 The recommendations above are given for example and guidance only.

References

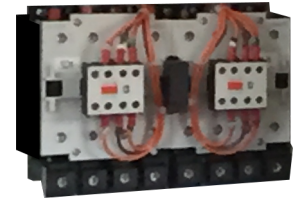
ATS 02CC 4 025

- Type**
- 01(CC or PC) - Life Safety
 - 02(CC or PC) - Premium
 - 03(CC or PC) - Standard
 - 04 - Utility
 - 05(P or G) - Budget (P Plain or G Glazed Door)

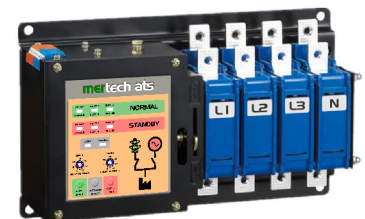
- Number of poles**
- 2 - 2 poles
 - 4 - 4 poles

- Rating**
- 004 - 40 A
 - 006 - 63 A
 - 010 - 100 A
 - 012 - 125 A
 - 016 - 160 A
 - 020 - 200 A
 - 025 - 250 A
 - 031 - 315 A
 - 035 - 350 A
 - 040 - 400 A
 - 063 - 630 A

Switching Devices



Life Safety & Premium ATS include interlocked contactors for Class CC and motorised switching device for Class PC



Standard PC & Utility ATS include a motorised switch device. Standard CC ATS include interlocked contactors



Budget ATS include motorised MCB device with emergency manual operation. Class CB

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