AS 2353:2018

Pedestrian push-button assemblies

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- Australian Industry Group
- CIE Australia
- Department of Planning, Transport and Infrastructure, SA
- Department of Transport and Main Roads, Qld
- Hire and Rental Industry Association of Australia
- IES: The Lighting Society
- Intelligent Transport Systems Australia
- Main Roads Western Australia
- Roads and Maritime Services, NSW
- Traffic Management and Safety—Roads, ACT
- VicRoads

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard®

Pedestrian push-button assemblies

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PREFACE

This Standard was prepared by the Standards Australia Committee LG-006, Road Traffic Signals, to supersede AS 2353—1999. It is one of a number of Standards that set out requirements for the equipment associated with traffic signal installations.

The objective of this Standard is to specify requirements for the design, construction and performance of push-button assemblies and associated equipment to facilitate pedestrian usage of signalized intersections or dedicated pedestrian crossings. It is intended for application by road and traffic authorities and their suppliers to facilitate the manufacture, purchase and use of pedestrian push-button assemblies.

This Standard was revised to bring it up-to-date, to include additional design detail and to include provision for cyclists.

Statements expressed in mandatory terms in footnotes to tables are deemed to be requirements of this Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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1.1 SCOPE

This Standard specifies requirements and tests for the design, construction and performance of pedestrian push-button assemblies and associated equipment, which are designed to facilitate the safe movement of pedestrians at locations controlled by traffic signals. It includes requirements for the generation of audio–tactile signals, for use in conjunction with push-button assemblies, to assist pedestrians who are vision impaired.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
1231	Aluminium and aluminium alloys—Anodic oxidation coatings
1420	ISO metric hexagon socket head cap screws
2144	Traffic signal lanterns
2339	Traffic signal posts, mast arms and attachments
2700	Colour standards for general purposes
60068	Environmental testing
60068.2.2	Part 2.2: Tests—Tests B: Dry heat
60068.2.30	Part 2.30: Tests—Test Db and guidance: Damp heat, cyclic (12 + 12-hour cycle)
60529	Degrees of protection provided by enclosures (IP Code)
AS/NZS	
2053	Conduits and fittings for electrical installations
2053.4	Part 4: Flexible plain conduits and fittings of insulating material
2053.7	Part 7: Rigid metal conduits and fittings
3100	Approval and test specification—General requirements for electrical equipment
5000	Electric cables—Polymeric insulated
5000.1	Part 1: For working voltages up to and including 0.6/1 (1.2) kV
61000	Electromagnetic compatibility (EMC)
61000.4.5	Part 4.5: Testing and measurement techniques—Surge immunity test
61000.6.1	Part 6.1: Generic standards—Immunity for residential, commercial and light-industrial environments
61000.6.3	Part 6.3: Generic standards—Emission standard for residential, commercial and light-industrial environments
AS/NZS	
61210	Connecting devices—Flat quick-connect terminations for electrical copper conductors—Safety requirements

