

CLARIFICATIONS TO THE VSIR 2014 AMENDMENT 3



Clarification No	001/2023	Date	22/03/2023
Distributor	All Distributors		
Clause No	7.5.2.5 PVC Service Pits		
Clarification/Intent/Ruling	Clarification		
<p>PVC service pits shall not be modified. This included creating additional apertures or shortening or increasing the pit depth.</p> <p>Drilling apertures in pits may attract the cost of a replacement pit.</p> <p>Ensure you contact the relevant Distributor prior to making any modification to underground pits.</p>			

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Clarification No	002/2023	Date	22/3/2023
Distributor	All Distributors		
Clause No	7.4.4.6.2 Customer Obligations		
Clarification/Intent/Ruling	Clarification		
<p>Where a neighbour’s service crosses an existing or newly constructed driveway of a new subdivision, and the service does not meet the required clearance from the ground the service shall be relocated to meet the height requirements of these VSIR’s.</p> <p>This may result in having to raise the overhead at the neighbour’s premises or place the line underground.</p> <p>For the United Energy, CitiPower & Powercor subdivision policy please follow this link.</p> <p>https://media.unitedenergy.com.au/factsheets/Subdivision-conditions-customer-guideline.pdf</p>			

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Clarification No	003/2023	Date	22/3/2023
Distributor	All Distributors		
Clause No	8.12 Metering Communication Equipment		
Clarification/Intent/Ruling	Clarification		
<p>The installation of an external antenna for metering communications may be necessary where meters are located in an area where there is limited or no communication reception.</p> <p>A conduit shall be installed to an agreed external location. A communications cable may be required to be installed by the customer.</p> <p>Ensure you contact the relevant Distributor prior to installing the meter location in areas where there is limited or no communication reception.</p>			

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Clarification No	004/2023	Date	22/3/2023
Distributor	All Distributors		
Clause No	7.4.4.4(a) Under Veranda Distribution		
Clarification/Intent/Ruling	Clarification		
<p>Where there is an existing under veranda distribution arrangement, the relevant Distributor shall be consulted to determine ownership and maintenance responsibilities.</p>			

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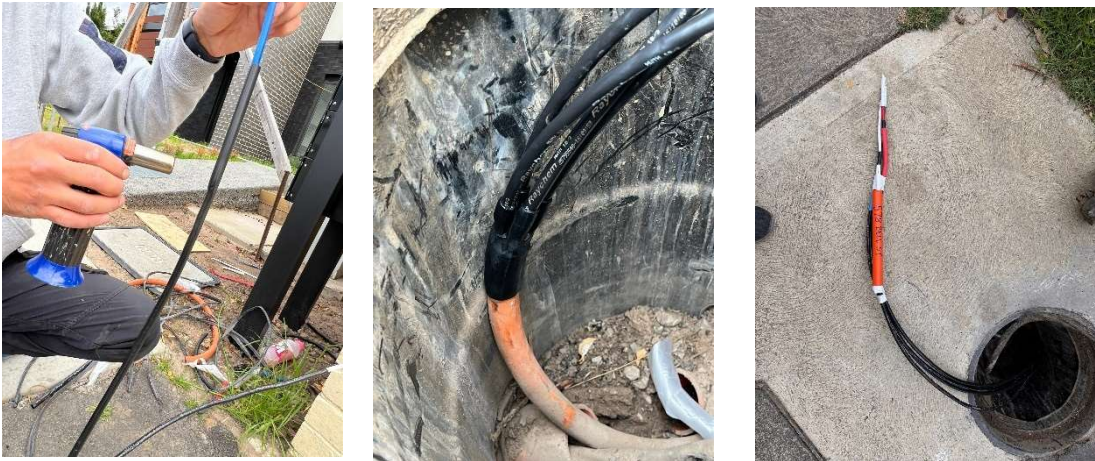
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Clarification No	005/2023	Date	22/3/2023
Distributor	Jemena		
Clause No	7.5.1.4.5 Sheathed Multi-core Cables (eg: Orange Circular)		
Clarification/Intent/Ruling	Ruling		
<p>Conductor core insulation of a multi-core cable requires double insulation of the single cores once the sheath has been removed. Double insulation is considered appropriate with the addition of mastic lined heat shrink to each single insulated conductor of the multi core cable. Conductor phase identification is also required.</p>			
			

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Clarification No	006/2023	Date	22/3/2023
Distributor	All Distributors		
Clause No	8.11.2.2 Location & Access to CT metering Equipment		
Clarification/Intent/Ruling	Clarification		
<p>The CT meter panel and equipment (CT chamber) shall be located in accordance with clause 8.4 (Metering Facilities) and accessible in accordance with clause 8.5 (Access).</p> <p>All meters & equipment (manual and remote read) shall be located to enable safe and unhindered access in accordance with clause 8.5 (Access) for installing, fixing, reading, testing, maintenance and removal of metering equipment without difficulty or hazard.</p> <p>These requirements may require the CT meters & CT chamber to be located external to a building in an acceptable location.</p> <p>Ensure you contact the relevant Distributor prior to installing the CT meter or CT chamber in a location inside a premises.</p>			

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Clarification No	007/2023	Date	22/3/2023
Distributor	Jemena		
Clause No	8.6.1 Meter locations on properties exceeding 4000m ² in area		
Clarification/Intent/Ruling	Clarification		
<p>For electrical installations on properties exceeding 4,000 m² in area, the Jemena Responsible Officer shall be consulted regarding a suitable meter location.</p> <p>The meter location may be required to be located at the property boundary.</p> <p>Ensure you contact the relevant the Jemena Responsible Officer prior to installing the meter location on the building.</p>			

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Clarification No	008/2023	Date	22/3/2023
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Distributor	All Distributors
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Clause No	Table 7.3-1
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Clarification/Intent/Ruling	Ruling
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The following table has been updated to include the minimum bending radii of conduit sweep bends and the measurements are applicable to bottom entry & top entry connection facilities.

Table 7.3-1 Service Cables – Service Connection Facility Requirements

SERVICE CABLE			SERVICE CONNECTION			
Service Cable Size	Minimum Conduit size for Service cable (mm)	Sweeping conduit bend radius (min) (mm)	Minimum clear space		Minimum horizontal distance between centres of consumer's terminals & openings	
			One or two faces of access (eg, CT enclosure with 1 door access)	Three or four faces of access (eg, pillar with lift off cover)		
			Dimension A (mm)		Dimension B (mm)	
1 X $\leq 35\text{mm}^2$ Cu XLPE	63	325	260	260	75	
1 X 50mm^2 Cu XLPE	80	600	260	260	75	
1 X 185mm^2 Alum.	100*	625	500	360	100	
1 X 240mm^2 Alum.	100*	625	500	360	100	
2 X 50mm^2 Cu XLPE	100	625	450	260	75	
2 X 185mm^2 Alum.	2 x 100*	625	700	600	100	
2 X 240mm^2 Alum.	2 x 100*	625	700	600	100	

*Sizes are for maximum 4m route length and one bend. Refer to Distributor for other situations.

* Dimension A & B are applicable for top entry or bottom entry to the connection facility

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Clarification No	009/2023	Date	22/3/2023
Distributor	All Distributors		
Clause No	Tables 7.2-1 & 7.3.2		
Clarification/Intent/Ruling	Ruling		
<p>The following point has been clarified:</p> <p>2. at or within 3 m of the consumer’s terminals; or,</p> <p>These dot points are reworded to:</p> <p>2. at or within 3 m of the consumer’s terminals and <u>on the customers property</u>; or,</p>			

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Clarification No	010/2023	Date	22/3/2023
Distributor	All Distributors		
Clause No	5.6.1.3 & 8.4.5.3		
Clarification/Intent/Ruling	Ruling		
<p>All locking devices shall be permanent and fit for purpose.</p> <p>If a lock dog is provided, it is to be tethered to the switchboard and one is to be provided for each device that is required to be locked off.</p>			

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Clarification No	011/2023	Date	22/3/2023
Distributor	All Distributors		
Clause No	Figure 7.3-B		
Clarification/Intent/Ruling	Clarification		

Clarification that the enclosure OPENING minimum is 500mm x 300mm

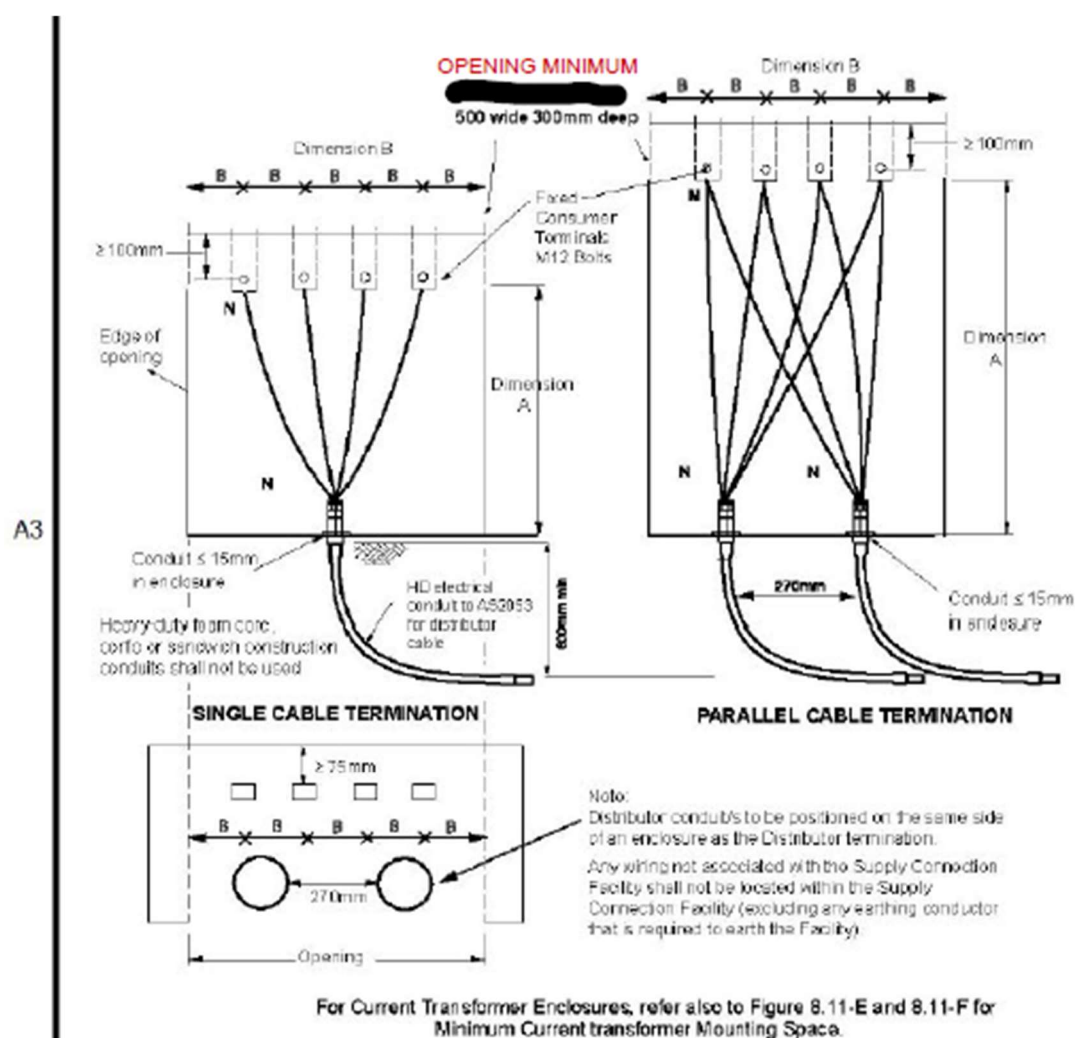


Figure 7.3-B UG Service Cables – Supply Connection Facility Requirements

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Clarification No	012/2023	Date	22/3/2023
Distributor	All Distributors		
Clause No	9.7.2		
Clarification/Intent/Ruling	Ruling		
<p>The intent of this clause is:</p> <p>The maximum number of HV supplies is two. Where the load exceeds the capacity of the two HV supplies, the customer should consider being connected at a higher voltage to meet their demand.</p> <p>There shall be a maximum of one main switch per HV supply.</p> <p>Approval by the Distributor is required if the design incorporates more than two HV supplies or one main switch per HV supply.</p> <p>DELETE the following sentences from the clause:</p> <p>There shall be a maximum of two main switches.</p> <p>Approval by the Distributor Responsible Officer is required if the design incorporates more than two main switches.</p>			

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Clarification No	013/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	7.3.2.4 & Table 7.3-1		
Clarification/Intent/Ruling	Ruling		
7.3.3.4 Consumer's Terminals			
Add the following to the opening sentence.			
The consumer's terminals for an underground service cable, either bottom entry or top entry to the connection facility , shall be:			

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Clarification No	014/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	7.10.9		
Clarification/Intent/Ruling	Clarification		
<p>The following clause has been clarified.</p> <p>7.10.9 Un-metered Connections & Equipment</p> <p>Enclosures and sections of enclosures such as connection facilities, switchboards and metering facilities containing un-metered connections and equipment shall be provided with sealing and/or locking facilities in accordance with Clause 5.6 (Sealing and Locking). All locking facilities shall be permanent and fit for purpose.</p>			

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Clarification No	015/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	7.4.4.4.5		
Clarification/Intent/Ruling	Intent		
<p>A point of attachment is not permitted on any private poles that is not a transition pole private electric line constructed or substantial reconstruction in a High Bushfire Risk Area.</p> <p>In all circumstances, the relevant distributor shall be consulted to determine an appropriate supply method.</p>			

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Clarification No	016/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	Figure 7.5-E		
Clarification/Intent/Ruling	Ruling		
<p>Add maximum POA height to drawing</p> <p>Maximum POA height is 6 metres</p> <p>Private Aerial Line (PAL) terminated at premise and sufficient length coiled to extend to top of distributor's pole and down to circuit breaker</p> <p>Service Cable</p> <p>Hook to enable all service cable clearances to be met</p> <p>Private Aerial Line (PAL)</p> <p>40mm² non-metallic conduit supplied and installed by Customer Agent</p> <p>Supply Protection Assembly</p> <p>Circuit breaker that can be operated from the ground</p> <p>4M</p> <p>Pole to Electricity Safety Act Requirements</p> <p>Supply Protection Assembly, conduit and connection to substation similar to adjacent diagram.</p> <p>Distributor to string Private Aerial Line (PAL) and dress down to circuit breaker</p> <p>Circuit Breaker fitted by customer's agent and Private Aerial Line (PAL) cable terminator provided</p> <p>This arrangement is not available from all Distributors</p> <p>Refer to clause 7.4.4.4.5 regarding Hazardous Bushfire Risk Areas (HBRA)</p>			
<p>Figure 7.5-E Typical PAL Arrangements</p>			

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Clarification No	017/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	9.4		
Clarification/Intent/Ruling	Ruling		
<p>Add the following new dot points to the clause.</p> <ul style="list-style-type: none">• Site plans showing adequate and compliant paths of access and egress• Site plan showing any shared facilities• Site plan detailing delineation of assets• SLD showing any interconnections between the Distributor & the customers HV assets			

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Clarification No	018/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	9.7.2		
Clarification/Intent/Ruling	Ruling		
<p>After the following sentence add new sentences:</p> <p>Remote operation of the earth switch on the line side of the main switch is not permitted</p> <p>Adequate provision shall be provided for the earthing of equipment such as enclosed busbars, circuit breakers, overhead HV conductors and insulated HV cables.</p> <p>The incoming HV supply earth switch shall be labelled 'Earth Switch padlock remains under the control of the Distribution Business HV Operator'. The label shall meet the requirements of Clause 5.4</p>			

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Clarification No	019/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	Figure 9.7-A		
Clarification/Intent/Ruling	Ruling		
<p>Add to the Notes</p> <p>NOTES</p> <ul style="list-style-type: none"> • The point of supply shall be agreed between the Distribution company and the Customer and shown on the final SLD provided on site. • Dual wound VT must be located on the load side of metering CT. 			

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Clarification No	020/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	9.12		
Clarification/Intent/Ruling	Ruling		
<p>Add to the first dot point</p> <p>9.12 Distributor’s Acceptance Requirements</p> <p>The Customer shall submit the following details for written acceptance prior to supply at high voltage being made available:</p> <ul style="list-style-type: none"> • Final single line diagram (including the Point of Supply) 			

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Clarification No	021/2023	Date	23/5/2023
Distributor	All Distributors		
Clause No	2.12		
Clarification/Intent/Ruling	Clarification		
<p>Update the following clause.</p> <p>2.12 Exceptional Circumstances</p> <p>In exceptional circumstances the stated requirements contained in these Rules may be waived or modified by submission of a written request.</p> <p>The written request shall be accompanied by:</p> <ul style="list-style-type: none"> i) a detailed statement of the reasons why non-compliance with these Rules is sought: and ii) a Statement of Consent from the owner or controlling body of the installation. <p>No action should be taken until a written reply to such a request has been received. Any request in this regard shall be directed to the Nominated Officer of the relevant Distributor responsible for supply.</p> <p>A generic Exceptional Circumstances Request Form is available on the VSIR website.</p> <p>Contact information can be found at www.victoriansir.org.au</p>			

CLARIFICATIONS TO THE VSIR 2014 AMENDMENT 3



Clarification No	022/2023	Date	14/7/2023
Distributor	All Distributors		
Clause No	8.11.5.1		
Clarification/Intent/Ruling	Clarification/Intent		
<p>The following clause has been updated to clarify that CT enclosures can have multiple doors. Usually this is required to meet switchboard clearance requirements. The updated sentences & dot points are marked in RED below</p> <p>8.11.5.1 General</p> <p>Metering current transformers shall be mounted in a dedicated enclosure in the form of a box type enclosure equipped with a hinged door/s which will accommodate the CTs in accordance with Figure 8.11-E and Figure 8.11-F and their associated wiring and equipment.</p> <p>The CT enclosure shall be fitted with a hinged door/s or hinged panel which shall have provision for sealing in accordance with Clause 8.4.5.3 (Sealing and Locking) The door/s shall be removable; and</p> <ul style="list-style-type: none"> • hinged on a vertical side/s and capable of being secured in the open position at a minimum of 90 degrees to the closed position; or • hinged at the top if the door/s is capable of being secured in the open position at a minimum of 170 degrees to the closed position; and equipped with: <ul style="list-style-type: none"> • a handle to open and close the door/s; • a latch or securing device to retain the door/s in the closed position, the device shall be arranged to prevent contact with exposed live parts when the door/s is closed; • sealing facilities to enable the door/s to be sealed in the closed position by the Metering Provider or locking facilities for a padlock with a 5.5 mm diameter hasp if the enclosure is in an outdoor location unless otherwise approved by the Responsible Officer; and • a label “Electricity Metering Transformers” complying with clause 5.4 (Labelling). 			

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Clarification No	023/2023	Date	9/8/2023
Distributor	All Distributors		
Clause No	8.9.2		
Clarification/Intent/Ruling	Ruling		
<p>Add the following dot points to the clause:</p> <ul style="list-style-type: none"> • The lower edge of the meter panel shall be not less than 500 mm or greater than 2100 mm above the floor or ground level for meter panels located within a meter enclosure, a switchboard enclosure, switchrooms, cupboards or rooms set aside specifically for metering. • A minimum of 175 mm in front of the meter panel to the inner face of the door or any internal projection where the meter panel is enclosed. 			

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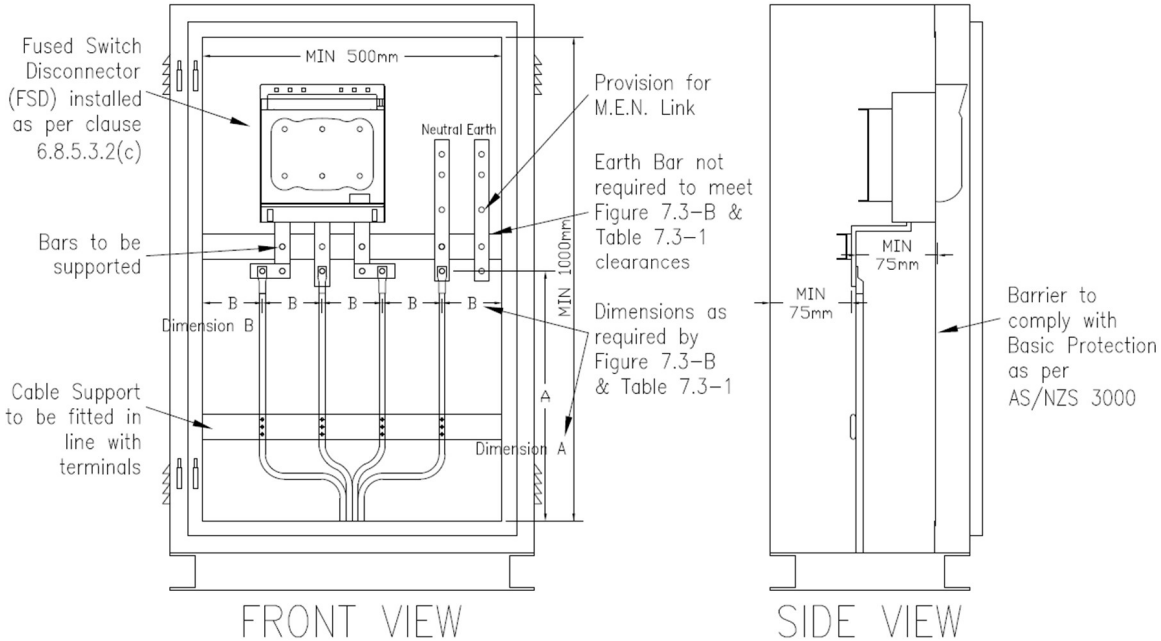
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Clarification No	024/2023	Date	11/09/2023
Distributor	All Distributors		
Clause No	Fig 7.3-C		
Clarification/Intent/Ruling	Clarification		
<p>Clarification of Clearances.</p>  <p>The diagram illustrates the typical FSD termination method in two views: FRONT VIEW and SIDE VIEW. The FRONT VIEW shows a Fused Switch Disconnector (FSD) installed at the top, with a minimum clearance of 500mm above it. Below the FSD, there are bars to be supported, with a minimum clearance of 1000mm between the FSD and these bars. The bars are supported by cable supports fitted in line with the terminals. The distance between the bars is labeled as Dimension B. A Neutral Earth bar is also shown, with a provision for an M.E.N. Link. The Earth Bar is noted as not required to meet the clearances specified in Figure 7.3-B and Table 7.3-1. The dimensions for the bars and supports are as required by Figure 7.3-B and Table 7.3-1. The SIDE VIEW shows the FSD and the bars from a different perspective, with a minimum clearance of 75mm between the FSD and the bars. A barrier is shown to comply with Basic Protection as per AS/NZS 3000, with a minimum clearance of 75mm between the barrier and the FSD.</p>			
<p>Figure 7.3-C Typical FSD Termination Method</p> <p>Notes:</p> <ol style="list-style-type: none"> 1. Distribution Cables to terminate on bottom of FSD 2. Enclosure to meet requirements of AS/NZS 3439 or AS/NZS 61439 			

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