



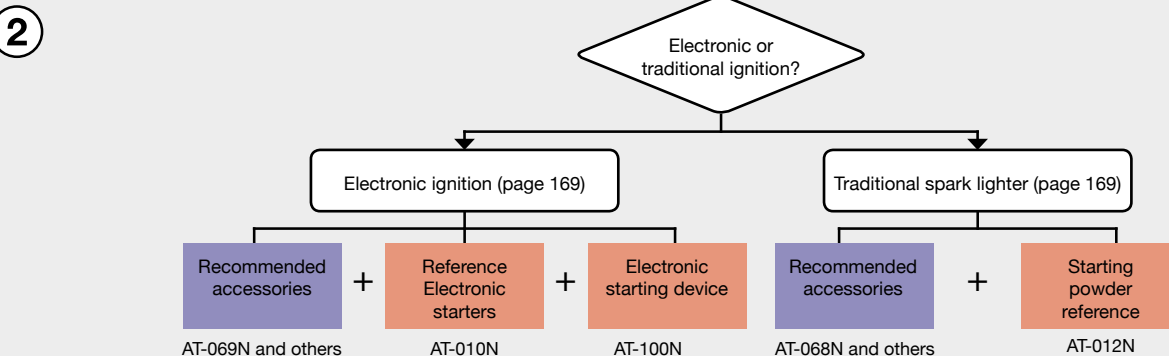
> REFERENCE SELECTION GUIDE

- 1** The following diagram shows you how to select the correct **APLIWELD®** products for each welding using the reference selection tables on pages 158-169.

a Find the required connections and conductors **b** Mould reference **c** Tablet reference and no. of tablets per connection **d** Corresponding clamp reference

1 Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp
	C35/C35/LV	35 mm ² cable	35 mm ² cable	AT-020N	1	AT-049N
	C50/C50/LV	50 mm ² cable	50 mm ² cable	AT-020N	1	AT-049N
	C70/C70/LV	70 mm ² cable	70 mm ² cable	AT-020N	1.5	AT-049N
	C95/C95/LV	95 mm ² cable	95 mm ² cable	AT-020N	2	AT-049N
	C120/C120/LV	120 mm ² cable	120 mm ² cable	AT-020N	2	AT-049N
	C150/C150/LV	150 mm ² cable	150 mm ² cable	AT-020N	2.5	AT-049N

From table 1 (page 158)



- 3** Set the corresponding quantities for each reference, under the following criteria:

Reference	Description	Use
Mould references	Specific or multiple	50 - 100 welds per mould
AT-020N	Welding compounds in tablets	20 tablets per box
AT-021N	Welding compounds in tablets	20 tablets per box
AT-010N	Electronic starters for exothermic welding	10 electronic starters per box
AT-012N	Exothermic welding starting powder	10 starters in powder per box
AT-049N	General clamp type S	250 connections per clamp
AT-050N	General clamp type G	250 connections per clamp
AT-068N	Basic accessories kit	250 welds per basic accessories kit
AT-100N	Electronic starting device	10 years use of electronic ignition device

> In order to determine the number of other accessories needed, please consult our technical department.

> Note that quantities may change depending on the working conditions (if there is more than one installer, more than one working place or any particular harsh conditions).

> Download the Welding Manual **APLIWELD®** for further information regarding the products and how to use them. Find answers to the most common **APLIWELD®** welding issues.

Please contact us if you have any questions.

> REFERENCE SELECTION GUIDE

> SELECTION EXAMPLE 1:

An installer should carry out 300 horizontal T type welds, between two cables of 50 mm² using the electronic ignition system.

Then please use as follows:

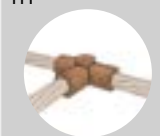
1

a Find the required connections and conductors

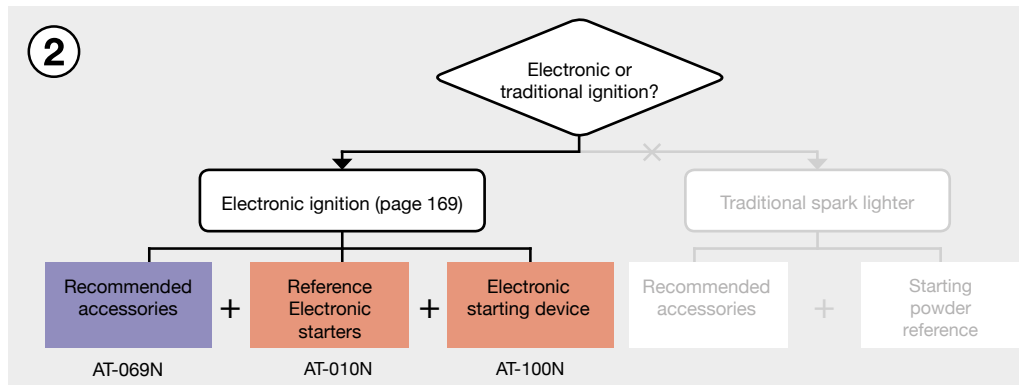
b Mould reference

c Tablet reference and no. of tablets per connection

d Corresponding clamp reference

2	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp
	TH	C35/C35/TH	35 mm ² cable	35 mm ² cable	AT-020N	1.5	AT-049N
		C50/C50/TH	50 mm ² cable	50 mm ² cable	AT-020N	2	AT-049N
		C70/C70/TH	70 mm ² cable	70 mm ² cable	AT-020N	2	AT-049N
		C95/C95/TH	95 mm ² cable	95 mm ² cable	AT-020N	2.5	AT-049N
		C120/C120/TH	120 mm ² cable	120 mm ² cable	AT-020N	3	AT-049N

From table 2 (page 158)



3

With the data and the references obtained, the order could be as follows:

Reference	Units
C50/C50/TH	4
AT-020N	30
AT-010N	30
AT-049N	2
AT-069N	2
AT-100N	1

> SELECTION EXAMPLE 2:

Two working groups should carry out 450 welds between 120 mm² cables in a horizontal cross shape using traditional spark lighter ignition.

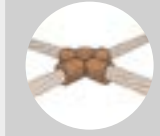
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a Find the required connections and conductors

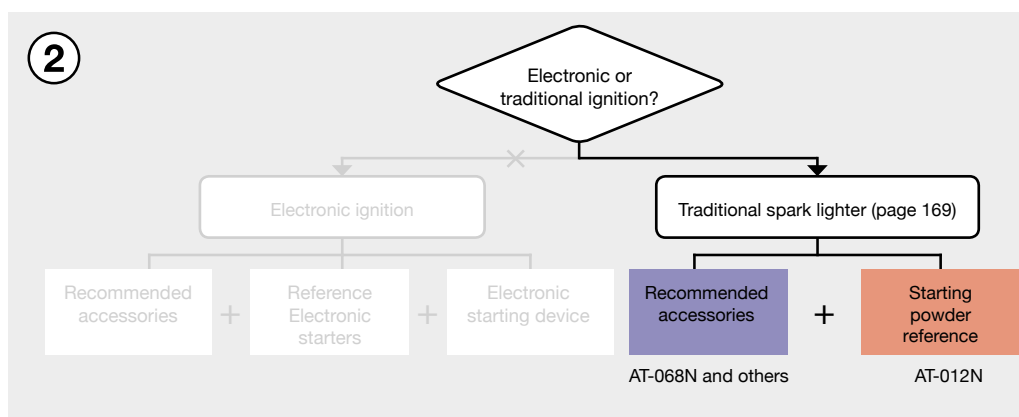
b Mould reference

c Tablet reference and no. of tablets per connection

d Corresponding clamp reference

3	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp
	XH	C35/C35/XH	35 mm ² cable	35 mm ² cable	AT-020N	2	AT-049N
		C50/C50/XH	50 mm ² cable	50 mm ² cable	AT-020N	2	AT-049N
		C70/C70/XH	70 mm ² cable	70 mm ² cable	AT-020N	2.5	AT-049N
		C95/C95/XH	95 mm ² cable	95 mm ² cable	AT-020N	3	AT-049N
		C120/C120/XH	120 mm ² cable	120 mm ² cable	AT-020N	4.5	AT-049N

From table 3 (page 159)



3

With the data and the references obtained, the order could be as follows:

Reference	Units
C120/C120/XH	9
AT-020N	102
AT-012N	45
AT-049N	2
AT-068N	4
AT-100N	NA



> REFERENCE SELECTION TABLE: SUITABLE MOULDS, TABLETS AND CLAMPS

Connection:
Drawing and union type code.

In tables where more than one connection appears, the correct mould reference is obtained by replacing the letters of the union type with those of the connection required.

For e.g.: If a vertical T mould for 240 mm² cables is required, just replace C240/C240/TH with C240/C240/TV. The number of tablets and other accessories will remain the same.

Reference: Conductor 1/Conductor 2/Union type.

Conductor 1: Code of conductor to be welded.
If conductors from different sections are welded, then Conductor 1 will be the run conductor.

Conductor 2: Code of conductor to be welded.
If conductors from different sections are welded, then Conductor 2 will be the tap conductor.

Tab ref.: Tablet size reference.

Tab/con: Tablets required per connection.

Clamp: Reference of accessory needed for a tight lock and safe handling of the mould.

Notes: Warnings and recommended accessories.

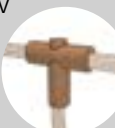
2	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
TH		C35/C35/TH	35 mm ² cable	35 mm ² cable	AT-020N	1.5	AT-049N	
		C50/C35/TH	50 mm ² cable	35 mm ² cable	AT-020N	2	AT-049N	
		C70/C70/TH	70 mm ² cable	70 mm ² cable	AT-020N	2	AT-049N	
		C95/C95/TH	95 mm ² cable	95 mm ² cable	AT-020N	2.5	AT-049N	
		C120/C120/TH	120 mm ² cable	120 mm ² cable	AT-020N	3	AT-049N	
		C150/C150/TH	150 mm ² cable	150 mm ² cable	AT-020N	4	AT-049N	
		C185/C185/TH	185 mm ² cable	185 mm ² cable	AT-021N	2	AT-050N	
		C240/C240/TH	240 mm ² cable	240 mm ² cable	AT-021N	3	AT-050N	
		C50/C35/TH	50 mm ² cable	35 mm ² cable	AT-020N	1.5	AT-049N	
		C70/C35/TH	70 mm ² cable	35 mm ² cable	AT-020N	1.5	AT-049N	
TV		C35/C35/TV	35 mm ² cable	35 mm ² cable	AT-020N	1.5	AT-049N	
		C50/C35/TV	50 mm ² cable	35 mm ² cable	AT-020N	2	AT-049N	
		C70/C70/TV	70 mm ² cable	70 mm ² cable	AT-020N	2	AT-049N	
		C95/C95/TV	95 mm ² cable	95 mm ² cable	AT-020N	2.5	AT-049N	
		C120/C120/TV	120 mm ² cable	120 mm ² cable	AT-020N	3	AT-049N	
		C150/C150/TV	150 mm ² cable	150 mm ² cable	AT-020N	4	AT-049N	
		C185/C185/TV	185 mm ² cable	185 mm ² cable	AT-021N	2	AT-050N	
		C240/C240/TV	240 mm ² cable	240 mm ² cable	AT-021N	3	AT-050N	
		C50/C35/TV	50 mm ² cable	35 mm ² cable	AT-020N	1.5	AT-049N	
		C70/C35/TV	70 mm ² cable	35 mm ² cable	AT-020N	1.5	AT-049N	

COMMON CONNECTIONS:

Cable/Cable:	Tables 1-5	Cable/Metal surface:	Tables 14-15	Tape/Earth rod:	Table 21
Cable/Earth rod:	Tables 6-8	Tape/Tape:	Tables 16-18	Others:	Table 22
Cable/Rebar:	Tables 9-13	Cable/tape:	Tables 19-20	Railroad:	Tables 23-28
				Multiple mould: :	Tables 29-30

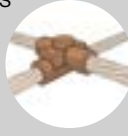
> CABLE/CABLE

1	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
LV		C35/C35/LV	35 mm ² cable	35 mm ² cable	AT-020N	1	AT-049N	
		C50/C50/LV	50 mm ² cable	50 mm ² cable	AT-020N	1	AT-049N	
		C70/C70/LV	70 mm ² cable	70 mm ² cable	AT-020N	1.5	AT-049N	
		C95/C95/LV	95 mm ² cable	95 mm ² cable	AT-020N	2	AT-049N	
		C120/C120/LV	120 mm ² cable	120 mm ² cable	AT-020N	2	AT-049N	
		C150/C150/LV	150 mm ² cable	150 mm ² cable	AT-020N	2.5	AT-049N	
		C185/C185/LV	185 mm ² cable	185 mm ² cable	AT-021N	2	AT-050N	
		C240/C240/LV	240 mm ² cable	240 mm ² cable	AT-021N	2	AT-050N	

2	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
TH		C35/C35/TH	35 mm² cable	35 mm² cable	AT-020N	1.5	AT-049N	
		C50/C35/TH	50 mm² cable	35 mm² cable	AT-020N	1.5	AT-049N	
		C50/C50/TH	50 mm² cable	50 mm² cable	AT-020N	2	AT-049N	
		C70/C35/TH	70 mm² cable	35 mm² cable	AT-020N	1.5	AT-049N	
		C70/C50/TH	70 mm² cable	50 mm² cable	AT-020N	2	AT-049N	
TV		C70/C70/TH	70 mm² cable	70 mm² cable	AT-020N	2	AT-049N	
		C95/C35/TH	95 mm² cable	35 mm² cable	AT-020N	2	AT-049N	
		C95/C50/TH	95 mm² cable	50 mm² cable	AT-020N	2	AT-049N	
		C95/C70/TH	95 mm² cable	70 mm² cable	AT-020N	2.5	AT-049N	
		C95/C95/TH	95 mm² cable	95 mm² cable	AT-020N	2.5	AT-049N	
		C120/C35/TH	120 mm² cable	35 mm² cable	AT-020N	2	AT-049N	
		C120/C50/TH	120 mm² cable	50 mm² cable	AT-020N	2.5	AT-049N	
		C120/C70/TH	120 mm² cable	70 mm² cable	AT-020N	2.5	AT-049N	
		C120/C95/TH	120 mm² cable	95 mm² cable	AT-020N	3	AT-049N	
		C120/C120/TH	120 mm² cable	120 mm² cable	AT-020N	3	AT-049N	
		C150/C35/TH	150 mm² cable	35 mm² cable	AT-020N	2.5	AT-049N	
		C150/C50/TH	150 mm² cable	50 mm² cable	AT-020N	2.5	AT-049N	
		C150/C70/TH	150 mm² cable	70 mm² cable	AT-020N	3	AT-049N	
		C150/C95/TH	150 mm² cable	95 mm² cable	AT-020N	3	AT-049N	
		C150/C120/TH	150 mm² cable	120 mm² cable	AT-020N	3.5	AT-049N	
		C150/C150/TH	150 mm² cable	150 mm² cable	AT-020N	4	AT-049N	
		C185/C185/TH	185 mm² cable	185 mm² cable	AT-021N	2	AT-050N	
		C240/C240/TH	240 mm² cable	240 mm² cable	AT-021N	3	AT-050N	

3	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
XH		C35/C35/XH	35 mm ² cable	35 mm ² cable	AT-020N	2	AT-049N	
		C50/C35/XH	50 mm ² cable	35 mm ² cable	AT-020N	2	AT-049N	
		C50/C50/XH	50 mm ² cable	50 mm ² cable	AT-020N	2	AT-049N	
		C70/C35/XH	70 mm ² cable	35 mm ² cable	AT-020N	2	AT-049N	
		C70/C50/XH	70 mm ² cable	50 mm ² cable	AT-020N	2	AT-049N	
PH		C70/C70/XH	70 mm ² cable	70 mm ² cable	AT-020N	2.5	AT-049N	
		C95/C35/XH	95 mm ² cable	35 mm ² cable	AT-020N	2.5	AT-049N	
		C95/C50/XH	95 mm ² cable	50 mm ² cable	AT-020N	2.5	AT-049N	
		C95/C70/XH	95 mm ² cable	70 mm ² cable	AT-020N	3	AT-049N	
		C95/C95/XH	95 mm ² cable	95 mm ² cable	AT-020N	3	AT-049N	
		C120/C35/XH	120 mm ² cable	35 mm ² cable	AT-020N	2.5	AT-049N	
		C120/C50/XH	120 mm ² cable	50 mm ² cable	AT-020N	3	AT-049N	
		C120/C70/XH	120 mm ² cable	70 mm ² cable	AT-020N	3.5	AT-049N	
		C120/C95/XH	120 mm ² cable	95 mm ² cable	AT-020N	4	AT-049N	
		C120/C120/XH	120 mm ² cable	120 mm ² cable	AT-020N	4.5	AT-049N	
		C150/C35/XH	150 mm ² cable	35 mm ² cable	AT-020N	3	AT-049N	
		C150/C50/XH	150 mm ² cable	50 mm ² cable	AT-020N	3.5	AT-049N	
		C150/C70/XH	150 mm ² cable	70 mm ² cable	AT-020N	3.5	AT-049N	
		C150/C95/XH	150 mm ² cable	95 mm ² cable	AT-020N	4.5	AT-049N	
		C150/C120/XH	150 mm ² cable	120 mm ² cable	AT-020N	4.5	AT-049N	
		C150/C150/XH	150 mm ² cable	150 mm ² cable	AT-020N	4.5	AT-049N	
		C185/C185/XH	185 mm ² cable	185 mm ² cable	AT-021N	3	AT-050N	
		C240/C240/XH	240 mm ² cable	240 mm ² cable	AT-021N	4	AT-050N	

4	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
PV		C35/C35/PV	35 mm ² cable	35 mm ² cable	AT-020N	2	AT-049N	
		C50/C50/PV	50 mm ² cable	50 mm ² cable	AT-020N	2	AT-049N	
		C70/C70/PV	70 mm ² cable	70 mm ² cable	AT-020N	2.5	AT-049N	
		C95/C95/PV	95 mm ² cable	95 mm ² cable	AT-020N	3.5	AT-049N	
		C120/C120/PV	120 mm ² cable	120 mm ² cable	AT-020N	4.5	AT-049N	
		C150/C150/PV	150 mm ² cable	150 mm ² cable	AT-020N	5	AT-049N	
		C185/C185/PV	185 mm ² cable	185 mm ² cable	AT-021N	3	AT-050N	
		C240/C240/PV	240 mm ² cable	240 mm ² cable	AT-021N	4	AT-050N	

5	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
XS		C35/C35/XS	35 mm ² cable	35 mm ² cable	AT-020N	2.5	AT-049N	
		C50/C35/XS	50 mm ² cable	35 mm ² cable	AT-020N	3	AT-049N	
		C50/C50/XS	50 mm ² cable	50 mm ² cable	AT-020N	3	AT-049N	
		C70/C35/XS	70 mm ² cable	35 mm ² cable	AT-020N	3	AT-049N	
		C70/C50/XS	70 mm ² cable	50 mm ² cable	AT-020N	3.5	AT-049N	
		C70/C70/XS	70 mm ² cable	70 mm ² cable	AT-020N	4	AT-049N	
		C95/C35/XS	95 mm ² cable	35 mm ² cable	AT-020N	3.5	AT-049N	
		C95/C50/XS	95 mm ² cable	50 mm ² cable	AT-020N	3.5	AT-049N	
		C95/C70/XS	95 mm ² cable	70 mm ² cable	AT-020N	4	AT-049N	
		C95/C95/XS	95 mm ² cable	95 mm ² cable	AT-020N	4.5	AT-049N	
		C120/C35/XS	120 mm ² cable	35 mm ² cable	AT-020N	4	AT-049N	
		C120/C50/XS	120 mm ² cable	50 mm ² cable	AT-020N	4.5	AT-049N	
		C120/C70/XS	120 mm ² cable	70 mm ² cable	AT-020N	5	AT-049N	
		C120/C95/XS	120 mm ² cable	95 mm ² cable	AT-020N	5	AT-049N	
		C120/C120/XS	120 mm ² cable	120 mm ² cable	AT-020N	5	AT-049N	
		C150/C35/XS	150 mm ² cable	35 mm ² cable	AT-020N	4	AT-049N	
		C150/C50/XS	150 mm ² cable	50 mm ² cable	AT-020N	4.5	AT-049N	
		C150/C70/XS	150 mm ² cable	70 mm ² cable	AT-020N	5	AT-049N	
		C150/C95/XS	150 mm ² cable	95 mm ² cable	AT-020N	5	AT-049N	
		C150/C120/XS	150 mm ² cable	120 mm ² cable	AT-020N	5	AT-049N	
		C150/C150/XS	150 mm ² cable	150 mm ² cable	AT-020N	5	AT-049N	
		C185/C185/XS	185 mm ² cable	185 mm ² cable	AT-021N	4	AT-050N	
		C240/C240/XS	240 mm ² cable	240 mm ² cable	AT-021N	5	AT-050N	

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> REFERENCE SELECTION TABLE: SUITABLE MOULDS, TABLETS AND CLAMPS

> CABLE/EARTH ROD

If more than one connection appears in the table, simply replace the last letters of the reference with those of the connection required in order to obtain the correct mould.

E.g.: If a vertical TT mould is needed for a 50 mm² cable to Ø14.3 mm earth rod, then the reference will be C50/T14/TT (instead of C50/T14/TV). The number of tablets and other accessories will remain the same.

6	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
TV		C35/T14/TV	35 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-049N	
		C35/T16/TV	35 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-049N	
		C50/T14/TV	50 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-049N	
		C50/T16/TV	50 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-049N	
		C50/T17/TV	50 mm ² cable	Ø17.2 mm earth rod	AT-020N	2.5	AT-049N	
TT		C50/T18/TV	50 mm ² cable	Ø18.3 mm earth rod	AT-020N	2.5	AT-049N	
		C50/T19/TV	50 mm ² cable	Ø19 mm earth rod	AT-020N	2.5	AT-049N	
		C70/T14/TV	70 mm ² cable	Ø14.3 mm earth rod	AT-020N	2.5	AT-049N	
		C70/T16/TV	70 mm ² cable	Ø15.9 mm earth rod	AT-020N	2.5	AT-049N	
		C70/T17/TV	70 mm ² cable	Ø17.2 mm earth rod	AT-020N	2.5	AT-049N	
		C70/T18/TV	70 mm ² cable	Ø18.3 mm earth rod	AT-020N	2.5	AT-049N	
		C70/T19/TV	70 mm ² cable	Ø19 mm earth rod	AT-020N	3	AT-049N	
		C95/T14/TV	95 mm ² cable	Ø14.3 mm earth rod	AT-020N	2.5	AT-049N	
		C95/T16/TV	95 mm ² cable	Ø15.9 mm earth rod	AT-020N	2.5	AT-049N	
		C95/T17/TV	95 mm ² cable	Ø17.2 mm earth rod	AT-020N	2.5	AT-049N	
		C95/T18/TV	95 mm ² cable	Ø18.3 mm earth rod	AT-020N	3	AT-049N	
		C95/T19/TV	95 mm ² cable	Ø19 mm earth rod	AT-020N	3	AT-049N	
		C120/T17/TV	120 mm ² cable	Ø17.2 mm earth rod	AT-020N	3	AT-049N	
		C120/T18/TV	120 mm ² cable	Ø18.3 mm earth rod	AT-020N	3	AT-049N	
		C120/T19/TV	120 mm ² cable	Ø19 mm earth rod	AT-020N	3.5	AT-049N	
		C120/T20/TV	120 mm ² cable	Ø20 mm earth rod	AT-020N	3.5	AT-049N	
		C120/T22/TV	120 mm ² cable	Ø22 mm earth rod	AT-020N	4	AT-049N	
		C120/T25/TV	120 mm ² cable	Ø25 mm earth rod	AT-020N	4.5	AT-049N	
		C150/T17/TV	150 mm ² cable	Ø17.2 mm earth rod	AT-020N	4	AT-049N	
		C150/T18/TV	150 mm ² cable	Ø18.3 mm earth rod	AT-020N	4	AT-049N	
		C150/T19/TV	150 mm ² cable	Ø19 mm earth rod	AT-020N	4.5	AT-049N	
		C150/T20/TV	150 mm ² cable	Ø20 mm earth rod	AT-020N	4.5	AT-049N	
		C150/T22/TV	150 mm ² cable	Ø22 mm earth rod	AT-020N	4.5	AT-049N	
		C150/T25/TV	150 mm ² cable	Ø25 mm earth rod	AT-020N	5	AT-049N	
		C185/T19/TV	185 mm ² cable	Ø19 mm earth rod	AT-021N	2	AT-050N	
		C185/T20/TV	185 mm ² cable	Ø20 mm earth rod	AT-021N	2	AT-050N	
		C185/T22/TV	185 mm ² cable	Ø22 mm earth rod	AT-021N	3	AT-050N	
		C185/T25/TV	185 mm ² cable	Ø25 mm earth rod	AT-021N	3	AT-050N	
		C240/T19/TV	240 mm ² cable	Ø19 mm earth rod	AT-021N	3	AT-050N	
		C240/T20/TV	240 mm ² cable	Ø20 mm earth rod	AT-021N	3	AT-050N	
		C240/T22/TV	240 mm ² cable	Ø22 mm earth rod	AT-021N	3	AT-050N	
		C240/T25/TV	240 mm ² cable	Ø25 mm earth rod	AT-021N	3	AT-050N	

> REFERENCE SELECTION TABLE: SUITABLE MOULDS, TABLETS AND CLAMPS

7	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	XO or VPH + AVX	C35/M/VPH + AV14	35 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VPH + AV16	35 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV14	50 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV16	50 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV17	50 mm ² cable	Ø17.2 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV18	50 mm ² cable	Ø18.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV19	50 mm ² cable	Ø19 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV14	70 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV16	70 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV17	70 mm ² cable	Ø17.2 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV18	70 mm ² cable	Ø18.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV19	70 mm ² cable	Ø19 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/T14/XO	95 mm ² cable	Ø14.3 mm earth rod	AT-020N	2.5	AT-050N	Requires sealing paste AT-065N or AT-066N
		C95/T16/XO	95 mm ² cable	Ø15.9 mm earth rod	AT-020N	2.5	AT-050N	Requires sealing paste AT-065N or AT-066N
		C95/T17/XO	95 mm ² cable	Ø17.2 mm earth rod	AT-020N	3	AT-050N	Requires sealing paste AT-065N or AT-066N
		C95/T18/XO	95 mm ² cable	Ø18.3 mm earth rod	AT-020N	3.5	AT-050N	Requires sealing paste AT-065N or AT-066N
		C95/T19/XO	95 mm ² cable	Ø19 mm earth rod	AT-020N	4	AT-050N	Requires sealing paste AT-065N or AT-066N
		C120/T17/XO	120 mm ² cable	Ø17.2 mm earth rod	AT-020N	3	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T18/XO	120 mm ² cable	Ø18.3 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T19/XO	120 mm ² cable	Ø19 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T20/XO	120 mm ² cable	Ø20 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T22/XO	120 mm ² cable	Ø22 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T25/XO	120 mm ² cable	Ø25 mm earth rod	AT-020N	5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool

8	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	PO or VTA + AVX	C35/M/VTA + AV14	35 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VTA + AV16	35 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTA + AV14	50 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTA + AV16	50 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTA + AV17	50 mm ² cable	Ø17.2 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTA + AV18	50 mm ² cable	Ø18.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTA + AV19	50 mm ² cable	Ø19 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTA + AV14	70 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTA + AV16	70 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTA + AV17	70 mm ² cable	Ø17.2 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTA + AV18	70 mm ² cable	Ø18.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTA + AV19	70 mm ² cable	Ø19 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/M/VTA + AV14	95 mm ² cable	Ø14.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/M/VTA + AV16	95 mm ² cable	Ø15.9 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/M/VTA + AV17	95 mm ² cable	Ø17.2 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/M/VTA + AV18	95 mm ² cable	Ø18.3 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/M/VTA + AV19	95 mm ² cable	Ø19 mm earth rod	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C120/T17/PO	120 mm ² cable	Ø17.2 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T18/PO	120 mm ² cable	Ø18.3 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T19/PO	120 mm ² cable	Ø19 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T20/PO	120 mm ² cable	Ø20 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T22/PO	120 mm ² cable	Ø22 mm earth rod	AT-020N	4.5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool
		C120/T25/PO	120 mm ² cable	Ø25 mm earth rod	AT-020N	5	AT-050N	AT-065N or AT-066N Sealing paste and AT-091N jack tool



>REFERENCE SELECTION TABLE: SUITABLE MOULDS, TABLETS AND CLAMPS

> CABLE/REBAR

If more than one connection appears in the table, simply replace the last letters of the reference with those of the connection required in order to obtain the correct mould.

E.g.: If a PT mould for 35 mm² cable to Ø10 mm horizontal rebar is required, simply replace C35/V10/PV with C35/V10/PT. The number of tablets and other accessories will remain the same.

9	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	PV	C35/V10/PV	35 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V12/PV	35 mm ² cable	Ø12 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V16/PV	35 mm ² cable	Ø16 mm rebar	AT-020N	1.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V20/PV	35 mm ² cable	Ø20 mm rebar	AT-020N	1.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V25/PV	35 mm ² cable	Ø25 mm rebar	AT-020N	1.5	AT-049N	Requires sealing paste AT-065N or AT-066N
	PT	C50/V10/PV	50 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V12/PV	50 mm ² cable	Ø12 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V16/PV	50 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V20/PV	50 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V25/PV	50 mm ² cable	Ø25 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V10/PV	70 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V12/PV	70 mm ² cable	Ø12 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V16/PV	70 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V20/PV	70 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V25/PV	70 mm ² cable	Ø25 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V10/PV	95 mm ² cable	Ø10 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V12/PV	95 mm ² cable	Ø12 mm rebar	AT-020N	3	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V16/PV	95 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V20/PV	95 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V25/PV	95 mm ² cable	Ø25 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N

10	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	XS	C35/V10/XS	35 mm ² cable	Ø10 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V12/XS	35 mm ² cable	Ø12 mm rebar	AT-020N	3	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V16/XS	35 mm ² cable	Ø16 mm rebar	AT-020N	3	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V20/XS	35 mm ² cable	Ø20 mm rebar	AT-020N	3	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V25/XS	35 mm ² cable	Ø25 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V10/XS	50 mm ² cable	Ø10 mm rebar	AT-020N	3	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V12/XS	50 mm ² cable	Ø12 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V16/XS	50 mm ² cable	Ø16 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V20/XS	50 mm ² cable	Ø20 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V25/XS	50 mm ² cable	Ø25 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V10/XS	70 mm ² cable	Ø10 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V12/XS	70 mm ² cable	Ø12 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V16/XS	70 mm ² cable	Ø16 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V20/XS	70 mm ² cable	Ø20 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V25/XS	70 mm ² cable	Ø25 mm rebar	AT-020N	4.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V10/XS	95 mm ² cable	Ø10 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V12/XS	95 mm ² cable	Ø12 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V16/XS	95 mm ² cable	Ø16 mm rebar	AT-020N	4.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V20/XS	95 mm ² cable	Ø20 mm rebar	AT-020N	4.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V25/XS	95 mm ² cable	Ø25 mm rebar	AT-020N	5	AT-049N	Requires sealing paste AT-065N or AT-066N

11	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	TH	C35/V10/TH	35 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V12/TH	35 mm ² cable	Ø12 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V16/TH	35 mm ² cable	Ø16 mm rebar	AT-020N	3	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V20/TH	35 mm ² cable	Ø20 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C35/V25/TH	35 mm ² cable	Ø25 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V10/TH	50 mm ² cable	Ø10 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V12/TH	50 mm ² cable	Ø12 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V16/TH	50 mm ² cable	Ø16 mm rebar	AT-020N	3	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V20/TH	50 mm ² cable	Ø20 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C50/V25/TH	50 mm ² cable	Ø25 mm rebar	AT-020N	4.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V10/TH	70 mm ² cable	Ø10 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V12/TH	70 mm ² cable	Ø12 mm rebar	AT-020N	2.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V16/TH	70 mm ² cable	Ø16 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V20/TH	70 mm ² cable	Ø20 mm rebar	AT-020N	4.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C70/V25/TH	70 mm ² cable	Ø25 mm rebar	AT-020N	5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V10/TH	95 mm ² cable	Ø10 mm rebar	AT-020N	3	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V12/TH	95 mm ² cable	Ø12 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V16/TH	95 mm ² cable	Ø16 mm rebar	AT-020N	4	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V20/TH	95 mm ² cable	Ø20 mm rebar	AT-020N	4.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V25/TH	95 mm ² cable	Ø25 mm rebar	AT-020N	5	AT-049N	Requires sealing paste AT-065N or AT-066N

12	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	XO or VPH+AVX	C35/M/VPH + AV10	35 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VPH + AV12	35 mm ² cable	Ø12 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VPH + AV16	35 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VPH + AV20	35 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VPH + AV25	35 mm ² cable	Ø25 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV10	50 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV12	50 mm ² cable	Ø12 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV16	50 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV20	50 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VPH + AV25	50 mm ² cable	Ø25 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV10	70 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV12	70 mm ² cable	Ø12 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV16	70 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV20	70 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VPH + AV25	70 mm ² cable	Ø25 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/V10/XO	95 mm ² cable	Ø10 mm rebar	AT-020N	3.5	AT-049N	Requires sealing paste AT-065N or AT-066N
		C95/V12/XO	95 mm ² cable	Ø12 mm rebar	AT-020N	3.5	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/V16/XO	95 mm ² cable	Ø16 mm rebar	AT-020N	3.5	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/V20/XO	95 mm ² cable	Ø20 mm rebar	AT-020N	4	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/V25/XO	95 mm ² cable	Ø25 mm rebar	AT-020N	4	AT-051N	Requires sealing paste AT-065N or AT-066N

13	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	TO or VTH + AVX	C35/M/VTH + AV10	35 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VTH + AV12	35 mm ² cable	Ø12 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VTH + AV16	35 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C35/M/VTH + AV20	35 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTH + AV10	50 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTH + AV12	50 mm ² cable	Ø12 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTH + AV16	50 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTH + AV20	50 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTH + AV10	70 mm ² cable	Ø10 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTH + AV12	70 mm ² cable	Ø12 mm rebar	AT-020N	2.5	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTH + AV16	70 mm ² cable	Ø16 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTH + AV20	70 mm ² cable	Ø20 mm rebar	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/V12/TO	95 mm ² cable	Ø12 mm rebar	AT-020N	3.5	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/V16/TO	95 mm ² cable	Ø16 mm rebar	AT-020N	4	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/V20/TO	95 mm ² cable	Ø20 mm rebar	AT-020N	4.5	AT-051N	Requires sealing paste AT-065N or AT-066N

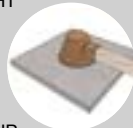


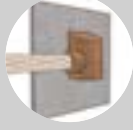
> REFERENCE SELECTION TABLE: SUITABLE MOULDS, TABLETS AND CLAMPS

> CABLE/METAL SURFACE

If more than one connection appears in the table, simply replace the last letters of the code with those of the connection required in order to obtain the correct mould.

E.g.: If a HP mould for 35 mm² cable over horizontal surface is required, simply replace C35/M/HT with C35/M/HP. The number of tablets and other accessories will remain the same.

14	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	HT	C35/M/HT	35 mm ² cable	Metal part	AT-020N	1.5	AT-049N	AT-058N clamp is recommended to ensure a secure connection
		C50/M/HT	50 mm ² cable	Metal part	AT-020N	2	AT-049N	AT-058N clamp is recommended to ensure a secure connection
		C70/M/HT	70 mm ² cable	Metal part	AT-020N	2	AT-049N	AT-058N clamp is recommended to ensure a secure connection
		C95/M/HT	95 mm ² cable	Metal part	AT-020N	2	AT-049N	AT-058N clamp is recommended to ensure a secure connection
	HP	C120/M/HT	120 mm ² cable	Metal part	AT-020N	2.5	AT-049N	AT-058N clamp is recommended to ensure a secure connection
		C150/M/HT	150 mm ² cable	Metal part	AT-020N	2.5	AT-049N	AT-058N clamp is recommended to ensure a secure connection
		C185/M/HT	185 mm ² cable	Metal part	AT-021N	2	AT-050N	AT-058N clamp is recommended to ensure a secure connection
		C240/M/HT	240 mm ² cable	Metal part	AT-021N	2	AT-050N	AT-058N clamp is recommended to ensure a secure connection

15	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	VTB	C35/M/VTB	35 mm ² cable	Metal part	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C50/M/VTB	50 mm ² cable	Metal part	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C70/M/VTB	70 mm ² cable	Metal part	AT-020N	2	AT-051N	Requires sealing paste AT-065N or AT-066N
		C95/M/VTB	95 mm ² cable	Metal part	AT-020N	2.5	AT-051N	Requires sealing paste AT-065N or AT-066N
		C120/M/VTB	120 mm ² cable	Metal part	AT-020N	2.5	AT-051N	Requires sealing paste AT-065N or AT-066N
		C150/M/VTB	150 mm ² cable	Metal part	AT-020N	2.5	AT-051N	Requires sealing paste AT-065N or AT-066N
	VPV	C185/M/VTB	185 mm ² cable	Metal part	AT-021N	2	AT-050N	Requires sealing paste AT-065N or AT-066N
		C240/M/VTB	240 mm ² cable	Metal part	AT-021N	2	AT-050N	Requires sealing paste AT-065N or AT-066N
	VTH							
	VPH							

> REFERENCE SELECTION TABLE: SUITABLE MOULDS, TABLETS AND CLAMPS

> TAPE/TAPE

If more than one connection appears in the table, simply replace the last letters of the reference with those of the connection required in order to obtain the correct mould.

E.g.: If a LH mould for a horizontal tape to tape bond is required, simply replace P302/P302/LV with P302/P302/LH. The number of tablets will remain the same.

16	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	LV	P302/P302/LV	Tape 30 x 2 mm	Tape 30 x 2 mm	AT-020N	2	AT-049N	
		P253/P253/LV	Tape 25 x 3 mm	Tape 25 x 3 mm	AT-020N	1.5	AT-049N	
		P305/P305/LV	Tape 30 x 5 mm	Tape 30 x 5 mm	AT-020N	2.5	AT-049N	
		P405/P405/LV	Tape 40 x 5 mm	Tape 40 x 5 mm	AT-020N	3.5	AT-049N	
		P605/P605/LV	Tape 60 x 5 mm	Tape 60 x 5 mm	AT-021N	3	AT-050N	
	LH							
	TH							
	TV							
	XS							

17	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	LO	P302/P302/LO	Tape 30 x 2 mm	Tape 30 x 2 mm	AT-020N	3	AT-050N	
		P253/P253/LO	Tape 25 x 3 mm	Tape 25 x 3 mm	AT-020N	3	AT-050N	
		P305/P305/LO	Tape 30 x 5 mm	Tape 30 x 5 mm	AT-020N	4.5	AT-050N	
		P405/P405/LO	Tape 40 x 5 mm	Tape 40 x 5 mm	AT-020N	4.5	AT-050N	
		P605/P605/LO	Tape 60 x 5 mm	Tape 60 x 5 mm	AT-020N	5	AT-050N	
	TO							

18	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	PV	P302/P302/PV	Tape 30 x 2 mm	Tape 30 x 2 mm	AT-020N	3	AT-049N	
		P253/P253/PV	Tape 25 x 3 mm	Tape 25 x 3 mm	AT-020N	2	AT-049N	
		P305/P305/PV	Tape 30 x 5 mm	Tape 30 x 5 mm	AT-020N	3	AT-049N	
		P405/P405/PV	Tape 40 x 5 mm	Tape 40 x 5 mm	AT-020N	5	AT-049N	
		P605/P605/PV	Tape 60 x 5 mm	Tape 60 x 5 mm	AT-021N	4	AT-050N	

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> REFERENCE SELECTION TABLE: SUITABLE MOULDS, TABLETS AND CLAMPS

> CABLE/TAPE

If more than one connection appears in the table, simply replace the last letters of the reference with those of the connection required in order to obtain the correct mould.
E.g.: If a LH mould for 30 x 2 mm tape to 50 mm² cable is required, simply replace C50/P302/TH with C50/P302/LH. The number of tablets will remain the same.

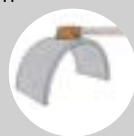
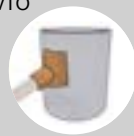
19	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	TH	C35/P302/TH	35 mm ² cable	Tape 30 x 2 mm	AT-020N	1.5	AT-049N	
		C50/P302/TH	50 mm ² cable	Tape 30 x 2 mm	AT-020N	2	AT-049N	
		C70/P302/TH	70 mm ² cable	Tape 30 x 2 mm	AT-020N	2	AT-049N	
		C35/P253/TH	35 mm ² cable	Tape 25 x 3 mm	AT-020N	1.5	AT-049N	
		C50/P253/TH	50 mm ² cable	Tape 25 x 3 mm	AT-020N	2	AT-049N	
	LH	C70/P253/TH	70 mm ² cable	Tape 25 x 3 mm	AT-020N	2	AT-049N	
		C70/P305/TH	70 mm ² cable	Tape 30 x 5 mm	AT-020N	3	AT-049N	
		C95/P305/TH	95 mm ² cable	Tape 30 x 5 mm	AT-020N	3	AT-049N	
		C120/P305/TH	120 mm ² cable	Tape 30 x 5 mm	AT-020N	4.5	AT-049N	
		C150/P305/TH	150 mm ² cable	Tape 30 x 5 mm	AT-020N	4.5	AT-049N	
		C150/P605/TH	150 mm ² cable	Tape 60 x 5 mm	AT-020N	5	AT-049N	
		C185/P605/TH	240 mm ² cable	Tape 60 x 5 mm	AT-021N	3	AT-050N	
		C240/P605/TH	240 mm ² cable	Tape 60 x 5 mm	AT-021N	4	AT-050N	

20	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	TH	P302/C35/TH	35 mm ² cable	Tape 30 x 2 mm	AT-020N	1	AT-049N	
		P302/C50/TH	50 mm ² cable	Tape 30 x 2 mm	AT-020N	2	AT-049N	
		P302/C70/TH	70 mm ² cable	Tape 30 x 2 mm	AT-020N	2	AT-049N	
		P302/C95/TH	95 mm ² cable	Tape 30 x 2 mm	AT-020N	2.5	AT-049N	
		P302/C120/TH	120 mm ² cable	Tape 30 x 2 mm	AT-020N	2.5	AT-049N	
		P253/C35/TH	35 mm ² cable	Tape 25 x 3 mm	AT-020N	1.5	AT-049N	
		P253/C50/TH	50 mm ² cable	Tape 25 x 3 mm	AT-020N	2	AT-049N	
		P253/C70/TH	70 mm ² cable	Tape 25 x 3 mm	AT-020N	2	AT-049N	
		P253/C95/TH	95mm ² cable	Tape 25 x 3 mm	AT-020N	2.5	AT-049N	
		P253/C120/TH	120 mm ² cable	Tape 25 x 3 mm	AT-020N	2.5	AT-049N	
		P305/C70/TH	70 mm ² cable	Tape 30 x 5 mm	AT-020N	2	AT-049N	
		P305/C95/TH	95 mm ² cable	Tape 30 x 5 mm	AT-020N	2.5	AT-049N	
		P305/C120/TH	120 mm ² cable	Tape 30 x 5 mm	AT-020N	2.5	AT-049N	
		P305/C150/TH	150 mm ² cable	Tape 30 x 5 mm	AT-020N	2.5	AT-049N	
		P605/C150/TH	150 mm ² cable	Tape 60 x 5 mm	AT-020N	5	AT-049N	
		P605/C185/TH	185mm ² cable	Tape 60 x 5 mm	AT-021N	2	AT-050N	
		P605/C240/TH	240 mm ² cable	Tape 60 x 5 mm	AT-021N	3	AT-050N	

> TAPE/EARTH ROD

21	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	TV	P302/T14/TV	Tape 30 x 2 mm	Ø14.3 mm earth rod	AT-020N	3	AT-049N	
		P302/T16TV	Tape 30 x 2 mm	Ø15.9 mm earth rod	AT-020N	3	AT-049N	
		P302/T18/TV	Tape 30 x 2 mm	Ø18.3 mm earth rod	AT-020N	3.5	AT-049N	
		P253/T14/TV	Tape 25 x 3 mm	Ø14.3 mm earth rod	AT-020N	2.5	AT-049N	
		P253/T16/TV	Tape 25 x 3 mm	Ø15.9 mm earth rod	AT-020N	3	AT-049N	
		P253/T18/TV	Tape 25 x 3 mm	Ø18.3 mm earth rod	AT-020N	3	AT-049N	

> OTHERS

22	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Notes
	HT	C35/B/HT	35 mm ² cable	Metal part	AT-020N	1.5	AT-049N	Consult before placing an order
		C50/B/HT	50 mm ² cable	Metal part	AT-020N	2	AT-049N	Consult before placing an order
		C70/B/HT	70 mm ² cable	Metal part	AT-020N	2	AT-049N	Consult before placing an order
		C95/B/HT	95 mm ² cable	Metal part	AT-020N	2.5	AT-049N	Consult before placing an order
		C120/B/HT	120 mm ² cable	Metal part	AT-020N	2.5	AT-049N	Consult before placing an order
	VTO	C150/B/HT	150 mm ² cable	Metal part	AT-020N	3	AT-049N	Consult before placing an order
		C185/B/HT	185 mm ² cable	Metal part	AT-021N	2	AT-050N	Consult before placing an order
		C240/B/HT	240 mm ² cable	Metal part	AT-021N	2	AT-050N	Consult before placing an order

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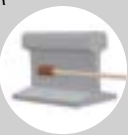
> REFERENCE SELECTION TABLE: SUITABLE MOULDS, TABLETS AND CLAMPS

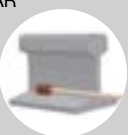
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Cable to train railway welding operates in the exact same way as the others, although the rail to be used in each case must be specified. If the connection you need is not mentioned, please contact us.

23	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Rail sleeve
	CR	C35/CR	35 mm ² cable	Rail head	2	AT-020N	AT-056N	AT-SC35
		C50/CR	50 mm ² cable	Rail head	2	AT-020N	AT-056N	AT-SC50
		C70/CR	70 mm ² cable	Rail head	2	AT-020N	AT-056N	AT-SC70
		C95/CR	95 mm ² cable	Rail head	2.5	AT-020N	AT-056N	AT-SC95
		C120/CR	120 mm ² cable	Rail head	2.5	AT-020N	AT-056N	AT-SC120
		C150/CR	150 mm ² cable	Rail head	3	AT-020N	AT-056N	AT-SC150

24	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Remarks
	CR2	C35/CR2	35 mm ² cable	Rail head	2 + 2	AT-020N	AT-057N	Clamp comprises 2 AT-056N
		C50/CR2	50 mm ² cable	Rail head	2 + 2	AT-020N	AT-057N	Clamp comprises 2 AT-056N
		C70/CR2	70 mm ² cable	Rail head	2 + 2	AT-020N	AT-057N	Clamp comprises 2 AT-056N
		C95/CR2	95 mm ² cable	Rail head	2.5 + 2.5	AT-020N	AT-057N	Clamp comprises 2 AT-056N
		C120/CR2	120 mm ² cable	Rail head	2.5 + 2.5	AT-020N	AT-057N	Clamp comprises 2 AT-056N
		C150/CR2	150 mm ² cable	Rail head	3 + 3	AT-020N	AT-057N	Clamp comprises 2 AT-056N

25	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Rail sleeve
	AR	C35/AR	35 mm ² cable	Rail web	2	AT-020N	AT-054N	AT-SC35
		C50/AR	50 mm ² cable	Rail web	2	AT-020N	AT-054N	AT-S50
		C70/AR	70 mm ² cable	Rail web	2	AT-020N	AT-054N	AT-SC70
		C95/AR	95 mm ² cable	Rail web	2.5	AT-020N	AT-054N	AT-SC95
		C120/AR	120 mm ² cable	Rail web	2.5	AT-020N	AT-054N	AT-SC120
		C150/AR	150 mm ² cable	Rail web	3	AT-020N	AT-054N	AT-SC150

26	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Railsleeve
	PAR	C35/PAR	35 mm ² cable	Rail web/foot	2	AT-020N	AT-054N	AT-SC35
		C50/PAR	50 mm ² cable	Rail web/foot	2	AT-020N	AT-054N	AT-SC50
		C70/PAR	70 mm ² cable	Rail web/foot	2	AT-020N	AT-054N	AT-SC70
		C95/PAR	95 mm ² cable	Rail web/foot	2.5	AT-020N	AT-054N	AT-SC95
		C120/PAR	120 mm ² cable	Rail web/foot	2.5	AT-020N	AT-054N	AT-SC120
		C150/PAR	150 mm ² cable	Rail web/foot	3	AT-020N	AT-054N	AT-SC150

27	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Remarks
	BR	C35/BR	35 mm ² cable	Rail foot	2	AT-020N	N/A	Single-use mould
		C50/BR	50 mm ² cable	Rail foot	2	AT-020N	N/A	Single-use mould
		C70/BR	70 mm ² cable	Rail foot	2	AT-020N	N/A	Single-use mould
		C95/BR	95 mm ² cable	Rail foot	2.5	AT-020N	N/A	Single-use mould
		C120/BR	120 mm ² cable	Rail foot	2.5	AT-020N	N/A	Single-use mould
		C150/BR	150 mm ² cable	Rail foot	3	AT-020N	N/A	Single-use mould

28	Connection	Reference	Conductor 1	Conductor 2	Tab Ref.	Tab/Conn.	Clamp	Remarks
	BRP	C35/BRP	35 mm ² cable	Rail foot	2	AT-020N	N/A	Single-use mould
		C50/BRP	50 mm ² cable	Rail foot	2	AT-020N	N/A	Single-use mould
		C70/BRP	70 mm ² cable	Rail foot	2	AT-020N	N/A	Single-use mould
		C95/BRP	95 mm ² cable	Rail foot	2.5	AT-020N	N/A	Single-use mould
		C120/BRP	120 mm ² cable	Rail foot	2.5	AT-020N	N/A	Single-use mould
		C150/BRP	150 mm ² cable	Rail foot	3.5	AT-020N	N/A	Single-use mould

It is recommended to use AT-065N or AT-066N sealing paste for all the connections