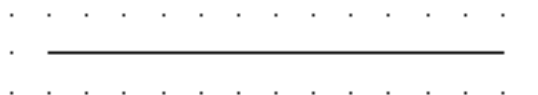


S00001



Name: Connection, general symbol

Status level: **Standard**

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-01

Alternative names: conductor; cable; line; transmission path; telecommunication line

Keywords: cables, conductors, connections, lines, telecommunication, transmission paths

Applied in: S00004, S00005, S00050, S00051, S00054, S00052, S00423, S00410, S00408, S00409, S00407, S00411, S00416, S00415, S00412, S00414, S00413, S00417, S00418, S00425, S00437, S00439, S00447, S00444, S00445, S00446, S00449, S00448, S01391, S01414, S01415, S01448, S01449, S01807, S01185, S01082, S01084, S00531, S01148, S01143, S01086, S01142, S01149, S01318, S01151, S01141, S01081, S01138, S01145, S01083, S01140, S01377, S01378, S01150, S00826, S00592, S01080, S01336, S01831

Application notes: A00109, A00193, A00194

Replaced by: S01831

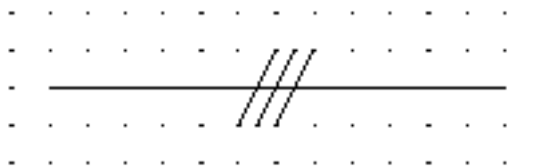
Shape class: Lines

Function class: W Guiding or transporting

Application class: Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Network maps, Overview diagrams

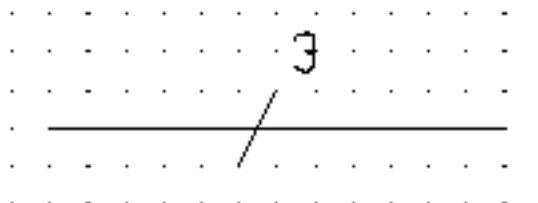
Remarks: See also symbol S00058.

S00002



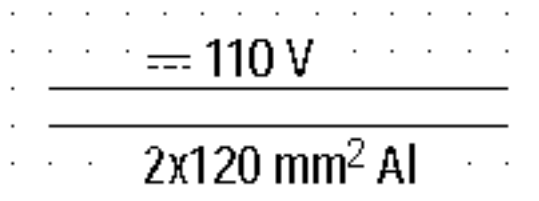
Name:	Group of connections (number of connections indicated)
Status level:	Standard
Released on:	2001-07-01
Earlier published in:	IEC 60617-3 (ed.2.0) 03-01-02
Keywords:	conductors, connections
Form:	Form 1
Alternative forms:	S00003
Applied in:	S00025, S00449, S00874, S00880, S01087, S00888, S00886, S00854, S00872, S00890, S00856, S00884, S00860, S01093, S00868, S00870, S00866, S00858, S00852, S00882, S00862, S00864, S01088, S01089, S00876, S01091, S01837
Applies:	S00058
Application notes:	A00192, A00193, A00194
Shape class:	Lines
Function class:	W Guiding or transporting
Application class:	Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Network maps, Overview diagrams
Remarks:	Three connections shown.

S00003



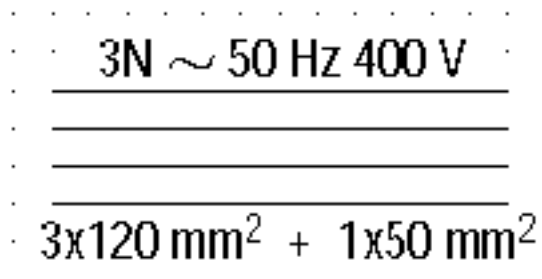
Name:	Group of connections (number of connections indicated)
Status level:	Standard
Released on:	2001-07-01
Earlier published in:	IEC 60617-3 (ed.2.0) 03-01-03
Keywords:	conductors, connections
Form:	Form 2
Alternative forms:	S00002
Applied in:	S00027, S00024, S00055, S00053, S00294, S00295, S01277, S00888, S01323, S00890, S01285, S01324, S01092
Applies:	S00058
Application notes:	A00192, A00193, A00194
Shape class:	Characters, Lines
Function class:	W Guiding or transporting
Application class:	Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Network maps, Overview diagrams
Remarks:	Three connections shown.

S00004



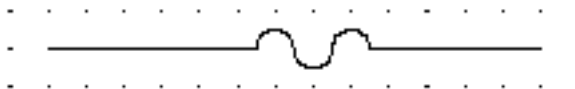
Name:	Direct current circuit
Status level:	Standard
Released on:	2001-07-01
Earlier published in:	IEC 60617-3 (ed.2.0) 03-01-04
Keywords:	conductors, connections
Applies:	S00001; S01401
Application notes:	A00193, A00194
Shape class:	Characters, Lines
Function class:	W Guiding or transporting
Application class:	Circuit diagrams, Connection diagrams
Remarks:	110 V, two aluminium conductors of 120 mm ²

S00005



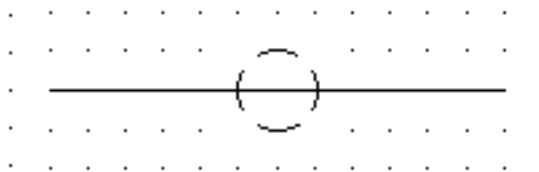
Name:	Three-phase circuit
Status level:	Standard
Released on:	2001-07-01
Earlier published in:	IEC 60617-3 (ed.2.0) 03-01-05
Keywords:	conductors, connections
Applied in:	S00314
Applies:	S00001; S01403
Application notes:	A00193, A00194
Shape class:	Characters, Lines
Function class:	W Guiding or transporting
Application class:	Circuit diagrams, Connection diagrams, Function diagrams
Remarks:	50 Hz, 400 V, three conductors of 120 mm(2) , with neutral of 50 mm (2). 3N may be replaced by 3+N.

S00006



Name:	Flexible connection
Status level:	Standard
Released on:	2001-07-01
Earlier published in:	IEC 60617-3 (ed.2.0) 03-01-06
Keywords:	conductors, connections
Applied in:	S01147
Shape class:	Depicting shapes
Function class:	W Guiding or transporting
Application class:	Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Network maps, Overview diagrams

S00007



Name: Screened conductor

Status level: **Standard**

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-07

Keywords: conductors, connections

Applied in: S00013, S00791, S00783

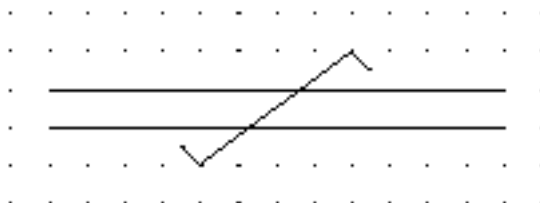
Application notes: A00001

Shape class: Circles, Lines

Function class: W Guiding or transporting

Application class: Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Network maps, Overview diagrams

S00008



Name: Twisted connection

Status level: **Standard**

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-08

Keywords: conductors, connections

Application notes: A00001

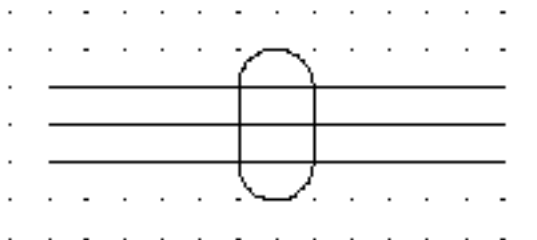
Shape class: Lines

Function class: W Guiding or transporting

Application class: Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Network maps, Overview diagrams

Remarks: Two connections shown.

S00009



Name: Conductors in a cable

Status level: **Standard**

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-09

Keywords: conductors, connections

Alternative forms: S00010

Applied in: S00010, S01324

Application notes: A00001

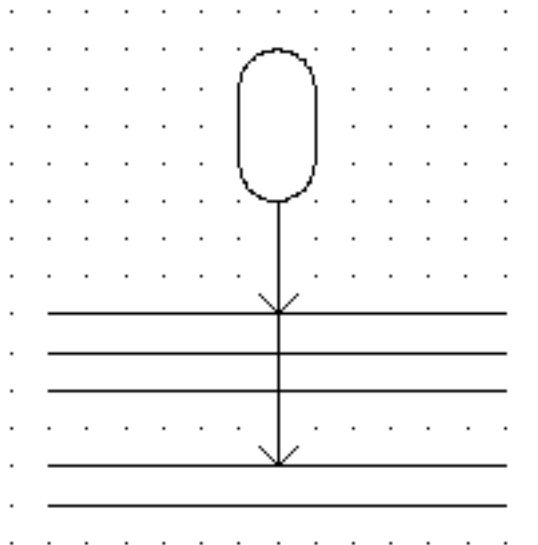
Shape class: Ovals

Function class: - Functional elements or attributes

Application class: Conceptual elements or qualifiers

Remarks: Three conductors shown.

S00010



Name: Conductors in a cable

Status level: **Standard**

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-10

Keywords: conductors, connections

Applies: S00009

Application notes: A00001

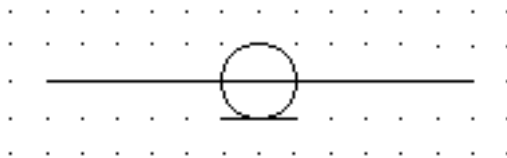
Shape class: Arrows, Lines , Ovals

Function class: W Guiding or transporting

Application class: Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Network maps, Overview diagrams

Remarks: Five conductors, two of which marked by arrowheads are in one cable.

S00011



Name: Coaxial pair

Status level: **Standard**

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-11

Keywords: conductors, connections

Applied in: S00013, S00012, S00042, S00591, S00606, S01119, S00610

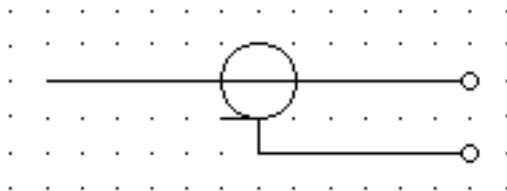
Application notes: A00011

Shape class: Circles, Lines

Function class: W Guiding or transporting

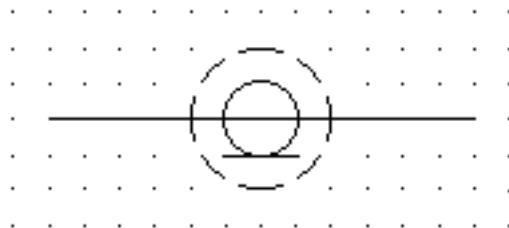
Application class: Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Network maps, Overview diagrams

S00012



Name:	Coaxial pair connected to terminals
Status level:	Standard
Released on:	2001-07-01
Earlier published in:	IEC 60617-3 (ed.2.0) 03-01-12
Keywords:	conductors, connections, terminals
Applies:	S00011; S00017
Application notes:	A00011
Shape class:	Circles, Lines
Function class:	W Guiding or transporting
Application class:	Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Overview diagrams

S00013



Name: Coaxial pair with screen

Status level: **Standard**

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-13

Keywords: conductors, connections

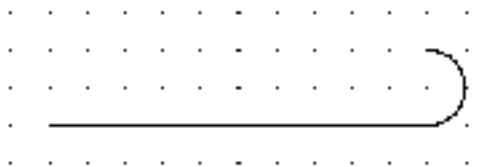
Applies: S00007; S00011

Shape class: Circles

Function class: W Guiding or transporting

Application class: Circuit diagrams, Connection diagrams, Function diagrams, Installation diagrams, Overview diagrams

S00014



Name: End of a conductor or cable, not connected

Status level: **Standard**

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-14

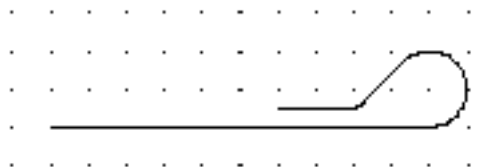
Keywords: conductors, connections

Shape class: Half-circles, Lines

Function class: - Functional elements or attributes

Application class: Conceptual elements or qualifiers

S00015



Name: End of a conductor or cable, not connected and specially insulated

Status level: Standard

Released on: 2001-07-01

Earlier published in: IEC 60617-3 (ed.2.0) 03-01-15

Keywords: cables, conductors, connections

Shape class: Half-circles, Lines

Function class: - Functional elements or attributes

Application class: Conceptual elements or qualifiers