ONLINE DIRECTORIES

CEYYC.R8209
Outlet Boxes and Fittings Classified for Fire Resistance

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See General Information for Outlet Boxes and Fittings Classified for Fire Resistance

WIREMOLD CO R8209
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WEST HARTFORD, CT 06110 USA

Certain models may be suitable for use in air handling space.

Type CE7Aflush outlet box and poke-through fittings for use in 1, 1-1/2 or 2 h rated unprotected, reinforced concrete floors, floors employing unprotected steel floor units and concrete toppings (F900 Series Designs) or concrete floors with suspended ceilings. (Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below poke-through fittings).

The assembled outlet box and poke-through fittings will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for a specific rating) are within the specified limits and the fittings are installed as specified.

1. Concrete — Min thickness of structural concrete topping of 57 mm on steel deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1600 to 2485 kg/m^3.

2. Installation — Mounted in 76 mm diam core-drilled hole in concrete per installation instructions accompanying fittings or abandonment fittings. For use with power circuits, data cables and max 50 pair size telephone cables as tabulated below:

Poke Through Fitting Type	Service Fitting Type	Power Cond (a)	Tele/Data Cond (b)
CE7A	-6 or -6A	8	—
	-A	3	100
	-MJ-8	3	16

(a) Maximum number of No. 12 AWG Type THHN conductors in power compartment of poke-through fitting.

(b) Maximum number of No. 22 AWG conductors in low voltage compartment of poke-through fitting (25 pair telephone cable has 50 conductors). When conductors larger than No. 22 AWG are used, the aggregate cross-sectional area of the copper conductors shall not exceed the aggregate cross-sectional area of No. 22 AWG copper conductors permitted in the low voltage compartment.

A. Modular communication jack assembly Type LAN, MJ-8, RJ11 or RJ45 per communication opening.

3. Spacing — Min of 610 mm OC and not more than one insert per 6 m^2 of floor area in each span.

Type FIT poke-through outlet box and **Type 200** single service head. **Types 221-21 CARPET, 221-21TILE or AP-FITTC** abandonment fittings for use in 1, 1-1/2, 2, 3 or 4 h rated unprotected reinforced concrete floors and 1, 1-1/2, 2 or 3 h rated floors employing unprotected steel floor units and concrete topping (F900-Series Designs) or concrete floors with suspended ceilings. (Fire resistance designs with suspended ceilings should have provisions for accessibility in ceiling area below the poke-through fittings).

Types CEFIT, FIT poke-through outlet box and **Type 241** double service head. **Types 221-21 CARPET, 221-21TILE or AP-FITTC** abandonment fittings for use in 1, 1-1/2 or 2 h rated unprotected reinforced concrete floors and 1, 1-1/2 or 2 h rated floors employing unprotected steel floor units and concrete topping (F900-Series Designs) or concrete floors with suspended ceilings. (Fire resistance designs with suspended ceilings should have provisions for accessibility in ceiling area below the poke-through fittings).

The assembled single or double service head outlet boxes and poke-through fittings or the abandonment fittings will not reduce the ratings of the floor assembly, when the thickness and type of concrete (required for a specific rating) are within the specified limits and the fittings are installed as specified:

1. Concrete — Min thickness of structural concrete topping of 57 mm over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1760 to 2485 kg/m^3.

2. Installation — Mounted in 51 mm diam core-drilled holes in concrete per instructions accompanying the fittings or abandonment fittings. For use with power circuits, data cables and max 50 pair size telephone cables as tabulated below:

Poke Through Fitting Type	Service Fitting Type	Power Cond (a)	Tele/Data Cond (b)
CEFIT or FIT	200-H/BTC (power/communication)	3	100
	200-H/BTC (power/communication)	(d) 7	60
	200-H/BTC (power only)	(d) 13	—
	200-H/BTC (communication only)	—	130
	200-RTRTC (power/communication)	5	80
	241-H/BTC (power/communication)	7	100
	241-H/BTC (power only)	12	—
	241-H/BTC (com only)	—	170
	241-2R/T/2RTC (power/communication)	7	100

(*)All catalog numbers may have additional suffix letters and/or numbers indicating style and/or color of receptacle, color of housing, color and/or style of faceplates, type of Listed EMT connectors, color and/or type of communication modules used, style of Listed outlet box. "HB" or "H/B" suffix letters indicate housing and base only (faceplates to be ordered separately). "TC" suffix letters indicate that device may be installed on tile or carpet covered concrete floors.

(a) Max number of No. 12 AWG Type THHN conductors in power compartment of poke-through fitting.

(b) Max number of No. 22 AWG conductors in low voltage compartment of poke-through fitting (4 pair cable has 8 conductors, 25 pair telephone cable has 50 conductors). When conductors larger than No. 22 AWG are used, the aggregate cross-sectional area of the copper conductors shall not exceed the aggregate cross-sectional area of No. 22 AWG copper conductors permitted in the low voltage compartment.

(c) 13, 19 and 25 mm flexible metallic conduit and fittings may be used with Service Head Types 200 or 241.

(d) Max number of power conductors when flexible metallic conduit is used. Max number of Tele/Data conductors to be adjusted accordingly.

3. Spacing — Min of 610 mm OC and not more than one insert per 6 m^2 of floor area in each span.

Types CE3A, RC3S, AV3S poke-through outlet box and **Type RC3C** service head fittings and factory assembled **Types RC3A** poke-through electrical insert for use with 1, 1-1/2, 2 h rated unprotected reinforced concrete floors and 1, 1-1/2 or 2 h rated floors employing unprotected steel floor units and concrete topping (F900-Series Designs), or concrete floors with suspended ceilings. (Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below the poke-through fittings).

The assembled poke-through outlet box and service fittings will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for the specific rating) are within the specified limits and the fittings are installed as specified:

1. Concrete — Min thickness of structural concrete topping of 57 mm over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1920 to 2485 kg/m^3.

2. Installation — Mounted in a 102 mm diam core-drilled holes in concrete per instructions accompanying the fittings or abandonment fittings. For use with power circuits, date and/or telephone cables as tabulated below:

Poke Through Fitting Type	Service Fitting Type	Power Cond (a)	Tele/Data Cond (b)
CE3A or RC3A	—	3	32
RC3S	-RC3C	3	32
AV3S	AV3C	3	61

(XXXXX) All catalog numbers may have additional suffix letters and/or numbers indicating style of receptacle, color of receptacle, finish ring color or material and slide holder assembly.

(a) Max number of No. 12 AWG Type THHN conductors in power compartment.

(b) Max number of 22 AWG conductors in low-voltage compartment of poke-through fitting (4 pair telephone cable has 8

conductors). When conductors larger than No. 22 AWG are used, the aggregate cross-sectional area of the copper conductors shall not exceed the aggregate cross-sectional area of the 22 AWG conductors permitted in the low-voltage compartment.

3. **Spacing -**Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types CE4A, RC4S, AV3S poke-through outlet box and **Type RC4C** service head fittings and factory assembled **Type RC4A** poke-through electrical insert for use with 1, 1-1/2, 2 h rated unprotected reinforced concrete floors and 1, 1-1/2 or 2 h rated floors employing unprotected steel floor units and concrete topping (F900-Series Designs), or concrete floors with suspended ceilings. (Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below the poke-through fittings).

The assembled poke-through outlet box and service fittings will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for the specific rating) are within the specified limits and the fittings are installed as specified:

1. **Concrete** — Min thickness of structural concrete topping of 57 mm over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1920 to 2485 kg/m^3.

2. **Installation** — Mounted in a 102 mm diam core-drilled holes in concrete per instructions accompanying the fittings or abandonment fittings. For use with power circuits, date and/or telephone cables as tabulated below:

Poke Through Fitting Type	Service Fitting Type	Power Cond (a)	Tele/Data Cond (b)
CE4A or RC4A	-	3	32
RC4S	-RC4C	3	32
AV3S	AV3C	3	61

(XXXXX) All catalog numbers may have additional suffix letters and/or numbers indicating style of receptacle, color of receptacle, finish ring color or material and slide holder assembly.

(a) Max number of No. 12 AWG Type THHN conductors in power compartment.

(b) Max number of 22 AWG conductors in low-voltage compartment of poke-through fitting (4 pair telephone cable has 8 conductors). When conductors larger than No. 22 AWG are used, the aggregate cross-sectional area of the copper conductors shall not exceed the aggregate cross-sectional area of the 22 AWG conductors permitted in the low-voltage compartment.

3. **Spacing -** Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types CE4FF, 4FF poke-through fittings for use with 1, 1-1/2, 2 h rated unprotected reinforced concrete floors and 1, 1-1/2 or 2 h rated floors employing unprotected steel floor units and concrete topping (F900-Series Designs), or concrete floors with suspended ceilings. (Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below the poke-through fittings).

The assembled poke-through outlet box and service fittings or abandonment fittings will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for the specific rating) are within the specified limits and the fittings are installed as specified:

1. **Concrete** — Min thickness of structural concrete topping of 57 mm over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1920 to 2485 kg/m^3.

2. **Installation** — Mounted in a 102 mm diam core-drilled hole in concrete per instructions accompanying the fittings. For use with power circuits, data and/or audio/visual cables. The max allowable cross-sectional area of copper for power cabling in each poke-through electrical insert is 52.8 mm^2. The max allowable cross-sectional area of copper for communications cabling in each poke-through electrical insert is 46.5 mm^2. Cross-sectional area of commonly-used solid copper conductors in communications cable is 0.21 mm^2 for No. 24 AWG and 0.32 mm^2 for No. 22 AWG. Cross-sectional area of commonly-used solid copper conductors in power cable is 3.3 mm^2 for No. 12 AWG.

3. **Spacing** - Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types CEAV3, AMD8S, AV3S poke-through fittings for use with 1, 1-1/2, 2 h rated unprotected reinforced concrete floors and 1, 1-1/2 or 2 h rated floors employing unprotected steel floor units and concrete topping (F900-Series Designs), or concrete floors with suspended ceilings. (Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below the poke-through fittings).

The assembled poke-through outlet box and service fittings will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for the specific rating) are within the specified limits and the fittings are installed as specified:

1. **Concrete** — Min thickness of structural concrete topping of 57 mm over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1920 to 2485 kg/m^3.

2. **Installation** — Mounted in a 102 mm diam core-drilled hole in concrete per instructions accompanying the fittings. For use with power circuits, data and/or audio/visual cables. The max allowable cross-sectional area of copper for power cabling in each poke-through electrical insert is 9.9 mm^2. The max allowable cross-sectional area of copper for communications cabling in each poke-

through electrical insert is 12.3 mm^2. Cross-sectional area of commonly-used solid copper conductors in communications cable is 0.21 mm^2 for No. 24 AWG and 0.32 mm^2 for No. 22 AWG. Cross-sectional area of commonly-used solid copper conductors in power cable is 3.3 mm^2 for No. 12 AWG.

3. **Spacing** — Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types CE7A, RC7S poke-through outlet box and **Type RC7C, RC7CFF** service head fittings and factory assembled **Types RC7A, RC7AM2, RC7AFF** poke-through electrical insert. **Types RC7AP** abandonment fittings for use with 1, 1-1/2, 2 h rated unprotected reinforced concrete floors and 1, 1-1/2 or 2 h rated floors employing unprotected steel floor units and concrete toppings (F900 Series Designs) or concrete floors with suspended ceilings. (Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below poke-through fittings).

The assembled poke-through outlet box and service fittings or abandonment fittings will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for a specific rating) are within the specified limits and the fittings are installed as specified:

1. Concrete — Min thickness of structural concrete topping of 57 mm over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1920 to 2485 kg/m^3.

2. Installation — Mounted in a 76 mm diam core-drilled hole in concrete per installation instructions accompanying fittings or abandonment fittings. For use with power circuits, data and/or telephone cables as tabulated below:

Poke Through Fitting Type	Service Fitting Type	Power Cond (a)	Tele/Data Cond (b)
CE7A or RC7S	-RC7C	3	16
RC7A	—	3	16
RC7AM2	—	3	16
RC7AFF	—	7+2(a1)	128
RC7S	RC7CFF	7+2(a1)	128

(XXXXXX) All catalog numbers may have additional suffix letters and/or numbers indicating style of receptacle, color of receptacle, finish ring color or material and slide holder assembly style.

(a) Max number of No. 12 AWG Type THHN conductors in power compartment.

(a1) Max number of No. 12 AWG Type THHN conductors plus Max number of No. 10 AWG Type THHN conductors in power compartment.

(b) Max number of 22 AWG conductors in low-voltage compartment of poke-through fitting (4 pair telephone cable has 8 conductors). When conductors larger than No. 22 AWG are used, the aggregate cross-sectional area of the copper conductors shall not exceed the aggregate cross-sectional area of the 22 AWG conductors permitted in the low-voltage compartment.

3. **Spacing -** Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types CE9A, RC9S poke-through outlet box and **Type RC9C** service head fittings and factory assembled **Types RC9AM2, RC9AMD, RC9A15** poke-through electrical insert for use with 1, 1-1/2, 2 h rated unprotected reinforced concrete floors and 1, 1-1/2 or 2 h rated floors employing unprotected steel floor units and concrete toppings (F900 Series Designs) or concrete floors with suspended ceilings. (Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below poke-through fittings).

The assembled poke-through outlet box and service fittings will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for a specific rating) are within the specified limits and the fittings are installed as specified:

1. Concrete — Min thickness of structural concrete topping of 57 mm over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1920 to 2485 kg/m^3.

2. Installation — Mounted in a 76 mm diam core-drilled hole in concrete per installation instructions accompanying fittings or abandonment fittings. For use with power circuits, data and/or telephone cables as tabulated below:

Poke Through Fitting Type	Service Fitting Type	Power Cond (a)	Tele/Data Cond (b)
CE9A or RC9S	-RC9C	3	32
RC9AM2	—	3	32
RC9AMD	—	3	32

RC9A15	—	3	32

(XXXXX) All catalog numbers may have additional suffix letters and/or numbers indicating style of receptacle, color of receptacle, finish ring color or material and slide holder assembly style.

(a) Max number of No. 12 AWG Type THHN conductors in power compartment.

(b) Max number of 22 AWG conductors in low-voltage compartment of poke-through fitting (4 pair telephone cable has 8 conductors). When conductors larger than No. 22 AWG are used, the aggregate cross-sectional area of the copper conductors shall not exceed the aggregate cross-sectional area of the 22 AWG conductors permitted in the low-voltage compartment.

3. **Spacing -** Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types RC9FFS poke-through outlet box and **Types RC9CFF, 291** single service head or **292** double service head fittings and factory assembled **Types RC9AFF, RC91G, RC92G. Type RC9AP** abandonment fittings for use with 1, 1-1/2, 2 h rated unprotected reinforced concrete floors and 1, 1-1/2 or 2 h rated floors employing unprotected steel floor units and concrete toppings (F900 Series Designs) or concrete floors with suspended ceilings. (Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below poke-through fittings).

The assembled poke-through outlet box and service fittings or abandonment fittings will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for a specific rating) are within the specified limits and the fittings are installed as specified:

1. Concrete — Min thickness of structural concrete topping of 57 mm over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1760 to 2485 kg/m^3.

2. Installation — Mounted in 76 mm diam core-drilled hole in concrete per installation instructions accompanying fittings or abandonment fittings. For use with power circuits, data and max 50 pair size telephone cables as tabulated below:

Poke Through Fitting Type	Service Fitting Type	Power Cond (a)	Tele/Data Cond (b)
RC9FFS	RC9CFFTS	8 + 2 (a1)	128
	291-H/BTC (power/communication)	3	100
	291-H/BTC (power/communication)	(d) 7	60
	291-H/BTC (power only)	13	—
	291-H/BTC (communication only)	—	130
	291-H/BTC (power/communication)	10	100
	291-H/BTC (power only)	12	—
	291-H/BTC (communication only)	—	130
RC9AFFTC	—	8 + 2 (a1)	128
RC91GHBTC (power/communication)	—	3	100
RC91GHBTC (power/communication)	—	(d) 7	60
RC91GHBTC (power only)	—	13	—
RC91GHBTC (communication only)	—	—	130
RC92GHBTC (power/communication)	—	10	100
RC92GHBTC (power only)	—	12	—
RC92GHBTC (communication only)	—	—	130

(*) All catalog numbers may have additional suffix letters and/or numbers indicating style and/or color of receptacle, color of housing, color and/or style of faceplates, type of Listed EMT connectors, color and/or type of communication modules used, style of Listed outlet box. "HB" or "H/B" suffix letters indicate housing and base only (faceplates to be ordered separately). "TC" suffix letters indicate that device may be installed on tile or carpet covered concrete floors.

(a) Max number of No. 12 AWG Type THHN conductors in power compartment.

(a1) Max number of No. 12 AWG Type THHN conductors plus Max number of No. 10 AWG Type THHN conductors in power compartment.

(b) Max number of 22 AWG conductors in low-voltage compartment of poke-through fitting (4 pair cable has 8 conductors, 25 pair

cable has 50 conductors). When conductors larger than No. 22 AWG are used, the aggregate cross-sectional area of the copper conductors shall not exceed the aggregate cross-sectional area of the 22 AWG conductors permitted in the low-voltage compartment.

(c) 13, 19 and 25 mm flexible metallic conduit and fittings may be used with Types 291-H/BTC or 292-H/BTC service head fittings or factory assembled Types RC91GHBTC or RC92GHBTC. 19 mm metallic flexible conduit may be used with Type RC9CFFTC service head or factory assembled Type RC9AFFTC.

(d) Max number of power conductors when flexible metallic conduit is used. Max number of Tele/Data conductors to be adjusted accordingly.

3. **Spacing** — Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types CE6ATCFF, 6ATCFF poke-through fittings for use in 1, 1-1/2 or 2 h fire rated unprotected reinforced concrete floors, in 1, 1 1/2 or 2 h fire rated floors employing unprotected steel floor units and concrete topping (F900-Series designs) or in 1, 1-1/2 or 2 h fire rated concrete floors with suspended ceilings. Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below the poke-through fittings.

The assembled poke-through fitting will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for the specific rating) are within the specified limits and when the fitting is installed as specified.

1. **Concrete—** Min 57 mm thickness of structural concrete topping over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1680 to 2485 kg/m^3.

2. **Installation—** Mounted in a 152 mm diam core-drilled hole in concrete per instructions accompanying the poke-through fitting. For use with power circuits, data and/or audio/visual cables. The max allowable cross-sectional area of copper for power or communications cabling in each poke-through electrical insert is 108.9 mm^2. Cross-sectional area of commonly-used solid copper conductors in communications cable is 0.21 mm^2 for No. 24 AWG and 0.32 mm^2 for No. 22 AWG. Cross-sectional area of commonly-used solid copper conductors in power cable is 3.3 mm^2 for No. 12 AWG.

3. **Spacing—** Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types CE6AT, CE6ST, 6AT, 6ATC, 6ATCP, 6ATCPAV, 6ATP, 6ATPAV and 6STC poke-through fittings or **Type ABPLUG6** abandonment fitting for use in 1, 1-1/2 or 2 h fire rated unprotected reinforced concrete floors, in 1, 1 1/2 or 2 h fire rated floors employing unprotected steel floor units and concrete topping (F900-Series designs) or in 1, 1-1/2 or 2 h fire rated concrete floors with suspended ceilings. Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below the poke-through fittings.

The assembled poke-through fitting or abandonment fitting will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for the specific rating) are within the specified limits and when the fitting is installed as specified.

1. **Concrete—** Min 57 mm thickness of structural concrete topping over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1680 to 2485 kg/m^3.

2. **Installation—** Mounted in a 152 mm diam core-drilled hole in concrete per instructions accompanying the poke-through fitting or abandonment fitting. For use with power circuits, data and/or audio/visual cables. The max allowable cross-sectional area of copper for power or communications cabling in each poke-through electrical insert is 44.8 mm^2. Cross-sectional area of commonly-used solid copper conductors in communications cable is 0.21 mm^2 for No. 24 AWG and 0.32 mm^2 for No. 22 AWG. Cross-sectional area of commonly-used solid copper conductors in power cable is 3.3 mm^2 for No. 12 AWG.

3. **Spacing** — Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Types CE8AT, CE8ST, 8AT, 8ATC, 8ATCP, 8ATP and 8STC poke-through fittings or **Type ABPLUG8** abandonment fitting for use in 1, 1-1/2 or 2 h fire rated unprotected reinforced concrete floors, in 1, 1 1/2 or 2 h fire rated floors employing unprotected steel floor units and concrete topping (F900-Series designs) or in 1, 1-1/2 or 2 h fire rated concrete floors with suspended ceilings. Fire resistive designs with suspended ceilings should have provisions for accessibility in the ceiling area below the poke-through fittings.

The assembled poke-through fitting or abandonment fitting will not reduce the ratings of the floor assembly when the thickness and type of concrete (required for the specific rating) are within the specified limits and when the fitting is installed as specified.

1. **Concrete—** Min 57 mm thickness of structural concrete topping over metal deck or a min 76 mm thick reinforced concrete slab. Unit weight of concrete to be 1680 to 2485 kg/m^3.

2. **Installation—** Mounted in an 203 mm diam core-drilled hole in concrete per instructions accompanying the poke-through fitting or abandonment fitting. For use with power circuits, data and/or audio/visual cables. The max allowable cross-sectional area of copper for power or communications cabling in each poke-through electrical insert is 69.9 mm^2. Cross-sectional area of commonly-used solid copper conductors in communications cable is 0.21 mm^2 for No. 24 AWG and 0.32 mm^2 for No. 22 AWG. Cross-sectional area of commonly-used solid copper conductors in power cable is 3.3 mm^2 for No. 12 AWG.

3. **Spacing—** Min of 610 mm OC and not more than one unit per 6 m^2 of floor area in each span.

Type 880MPFC preset electrical insert for use in 2 h fire rated F900 Series **Floor-Ceiling** designs constructed with nom 51 mm or 76 mm deep fluted steel floor units having nom 127 mm wide valleys and crests spaced 305 mm OC and with a min 83 mm thickness of structural concrete topping. For use with a max of four (4) No. 12 AWG Type THHN power conductors or a max of forty-eight (48) No. 23 AWG tele/data conductors per insert. The assembled preset electrical insert with service activation fitting will not reduce the 2 h fire rating of the floor assembly when installed in accordance with the installation instructions accompanying the preset electrical insert and when the preset electrical inserts are spaced min 610 mm OC with not more than one unit per 6 m^2 of floor area in each span.

Type 881FC preset electrical insert for use in 2 h fire rated F900 Series **Floor-Ceiling** designs constructed with nom 51 mm or 76 mm deep fluted steel floor units having nom 127 mm wide valleys and crests spaced 305 mm OC and with a min 83 mm thickness of structural concrete topping. For use with a max of four (4) No. 12 AWG Type THHN power conductors or a max of forty-eight (48) No. 23 AWG tele/data conductors per insert. The assembled preset electrical insert with service activation fitting will not reduce the 2 h fire rating of the floor assembly when installed in accordance with the installation instructions accompanying the preset electrical insert and when the preset electrical inserts are spaced min 610 mm OC with not more than one unit per 6 m^2 of floor area in each span.

Type 880M1FC, 880M2FC, 880M3FC, 880S1FC, 880S2FC, 880S3FC, 8801S-FC, 8802S-FC, and 8803S-FC preset electrical insert for use with **Type FCPAN** floor plate kits in 2 h fire rated F900 Series **Floor-Ceiling** designs constructed with nom 51 mm or 76 mm deep fluted steel floor units having nom 127 mm wide valleys and crests spaced 305 mm OC. The Type 880M1FC, 880M2FC, 880M3FC, 8801S-FC, 8802S-FC, and 8803S-FC preset electrical inserts are for use with a min 83 mm thickness of structural concrete topping. For use with a max of four (4) No. 12 AWG Type THHN power conductors or a max of forty-eight (48) No. 23 AWG tele/data conductors per gang. The Type 880S1FC, 880S2FC and 880S3FC preset electrical inserts are for use with a min 114 mm thickness of structural concrete topping. The assembled preset electrical insert with floor plate kit and service activation fitting will not reduce the 2 h fire rating of the floor assembly when installed in accordance with the installation instructions accompanying the preset electrical insert and when the preset electrical inserts are spaced min 610 mm OC with not more than one unit per 0.4 m^2 of floor area in each span.

Type RFB2FC, RFB2-SSFC, RFB4-4DBFC, RFB4-SSFC, RFB2S-FC and RFB4S-FC preset electrical inserts for use with **Type FCPAN** floor plate kits in 2 h fire rated F900 Series Floor-Ceiling designs constructed with nom 51 mm or 76 mm deep fluted steel floor units having nom 127 mm wide valleys and crests spaced 305 mm OC. The Type RFB2-SSFC, RFB4-SSFC, RFB2S-FC, and RFB4S-FC preset electrical inserts are for use with a min 83 mm thickness of structural concrete topping. The Type RFB2FC andRFB4-4DBFC preset electrical inserts are for use with a min 114 mm thickness of structural concrete topping. For use with a max of four (4) No. 12 AWG Type THHN power conductors or a max of forty-eight (48) No. 23 AWG tele/data conductors per gang. The assembled preset electrical insert with floor plate kit and service activation fitting will not reduce the 2 h fire rating of the floor assembly when installed in accordance with the installation instructions accompanying the preset electrical insert and when the preset electrical inserts are spaced min 610 mm OC with not more than one unit per 0.4 m^2 of floor area in each span.

Type EFB6S-FC, EFB8S-FC and EFB10S-FC preset electrical inserts for use with **Type EFB610CT, EFB610BT, EFB610CTC and EFB610BTC** service fitting covers in 2 h fire rated F900 Series Floor-Ceiling designs constructed with nom 51 mm or 76 mm deep fluted steel floor units having nom 127 mm wide valleys and crests spaced 305 mm OC. The preset electrical inserts are for use with a min 83 mm thickness of structural concrete topping. For use with a max of sixty (60) No. 14 AWG Type THHN conductors. The assembled preset electrical insert with floor plate kit and service activation fitting will not reduce the 2 h fire rating of the floor assembly when installed in accordance with the installation instructions accompanying the preset electrical insert and when the preset electrical inserts are spaced min 610 mm OC with not more than one unit per 0.4 m^2 of floor area in each span.

Type EFB6S-FC-xx, EFB8S-FC-xx and EFB10S-FC-xx preset electrical inserts for use with **Type EFB610CT, EFB610BT, and EFB610CTC** service fitting covers in up to 3 h fire rated F900 Series Floor-Ceiling designs constructed with nom 51 mm or 76 mm deep fluted steel floor units having nom 127 mm wide valleys and crests spaced 305 mm OC. The preset electrical inserts are for use with a min 83 mm thickness of structural concrete topping. For use with a max of sixty (60) No. 14 AWG Type THHN conductors. The assembled preset electrical insert with floor plate kit and service activation fitting will not reduce the 3 h fire rating of the floor assembly when installed in accordance with the installation instructions accompanying the preset electrical insert and when the preset electrical inserts are spaced min 610 mm OC with not more than one device per each 6 m^2 of floor area.

Trademark and/or Tradename: "legrand", "Walker"

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