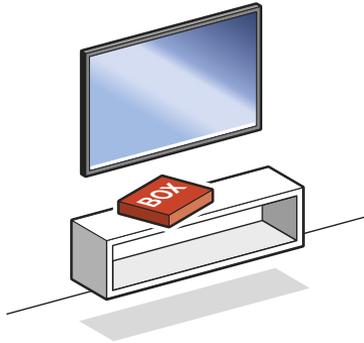
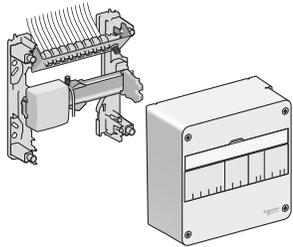
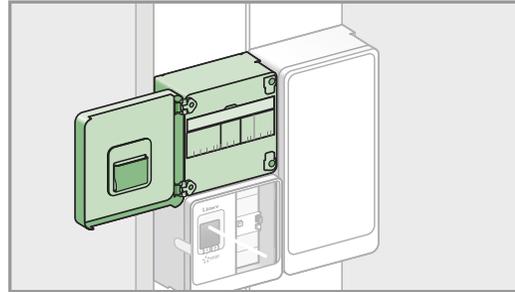


## Box dans le séjour

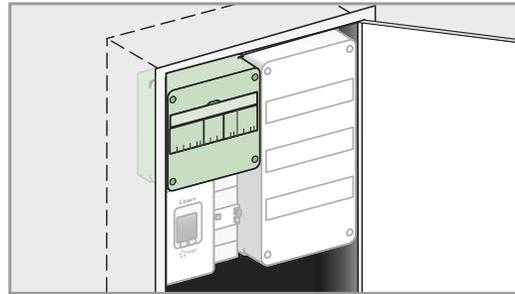


Coffret sur GTL en saillie

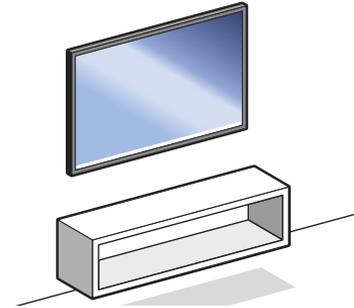


Grade 2TV TAMC  
VDIRM0006

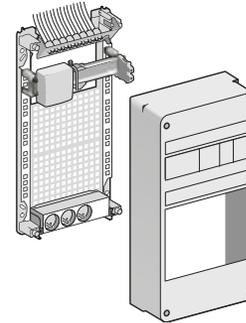
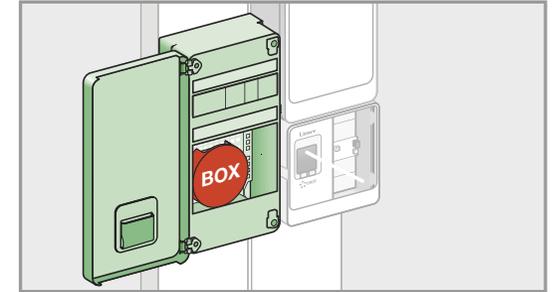
Coffret dans GTL encastrée



## Box dans le coffret

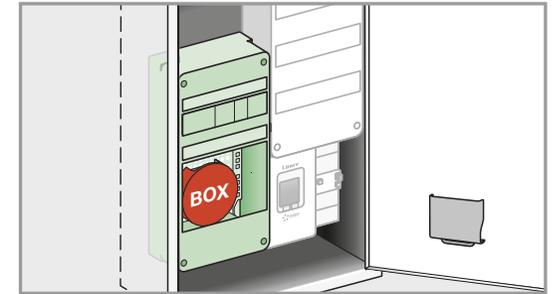


Coffret sur GTL en saillie



Grade 2TV TAMC  
VDIRM0036

Coffret dans GTL encastrée



LexCom Home TAMC  
Grade 2TV

Guide d'installation & d'utilisation  
NNZ78523

Life Is On

Schneider  
Electric

## DANGER



### RISQUE D'ÉLECTROCUTION, D'EXPLOSION OU D'ARC ÉLECTRIQUE

- L'installation de cet équipement doit impérativement être réalisée par une personne qualifiée.

Cette opération doit être exécutée uniquement en ayant pris connaissance de l'ensemble des instructions du présent document.

- Ne travaillez JAMAIS seul.
- Avant d'entreprendre des inspections visuelles, des tests ou des opérations de maintenance sur cet équipement, débrancher toutes les sources d'alimentation électrique.
- Partez du principe que tous les circuits sont sous tension jusqu'à ce qu'ils aient été mis complètement hors tension, testés et étiquetés. Faites particulièrement attention à la conception du circuit d'alimentation. Tenez compte de toutes les sources d'alimentation, y compris à la possibilité d'une rétroalimentation.
- Portez un équipement de protection personnelle adapté et respectez les consignes de sécurité électrique courantes.
- Utilisez un Vérificateur d'Absence de Tension (VAT) du calibre approprié.
- Tenez compte des dangers éventuels. Inspectez soigneusement la zone de travail à la recherche d'outils ou objets pouvant avoir été laissés à l'intérieur de l'équipement.

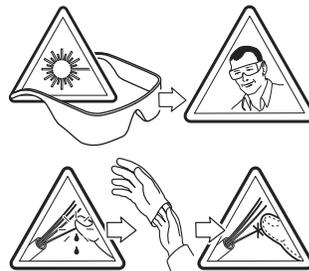
**Le non-respect de ces instructions provoquera la mort ou des blessures graves.**

La présente instruction de service doit être conservée pour une utilisation future.

### REMARQUE IMPORTANTE

- L'installation, la réparation et la maintenance de cet appareil doivent être assurées uniquement par des personnes qualifiées. Schneider Electric décline toute responsabilité quant aux éventuelles conséquences découlant de l'utilisation de cette documentation.
- Une personne qualifiée est une personne disposant de compétences de connaissances en matière de construction, installation et fonctionnement du matériel électrique ayant bénéficié d'une formation de sécurité afin de percevoir et d'éviter les dangers associés.
- Lisez attentivement cette instruction de service et examinez l'appareil pour vous familiariser avec son fonctionnement avant de faire son installation.
- Toutes les réglementations locales, régionales et nationales applicables doivent être respectées lors de l'installation, réparation et maintenance de cet appareil.
- Cet appareil ne doit pas être installé si vous constatez lors du déballage qu'il est endommagé.

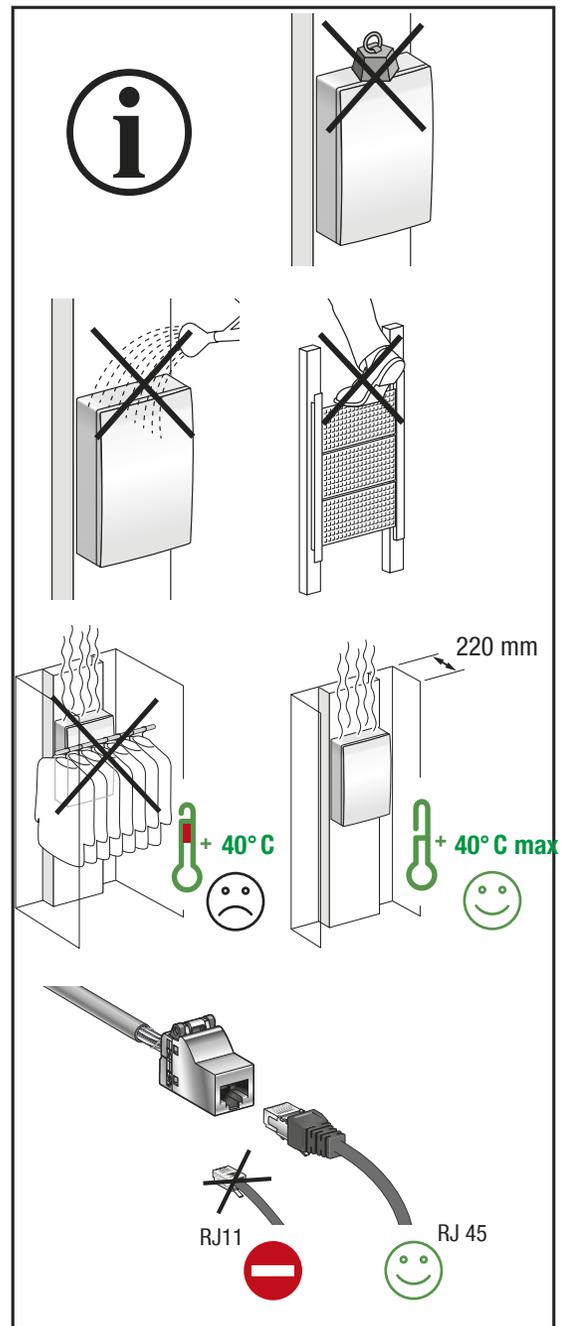
## DANGER



### RISQUE DE BLESSURES GRAVES

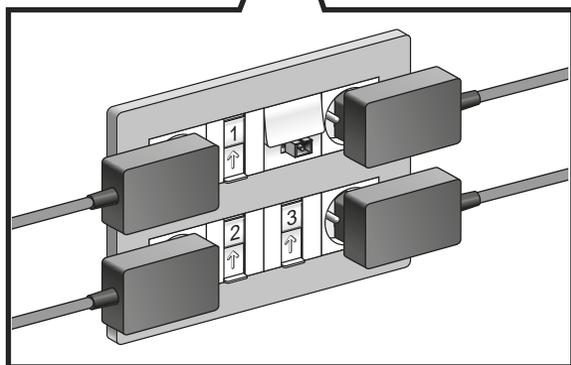
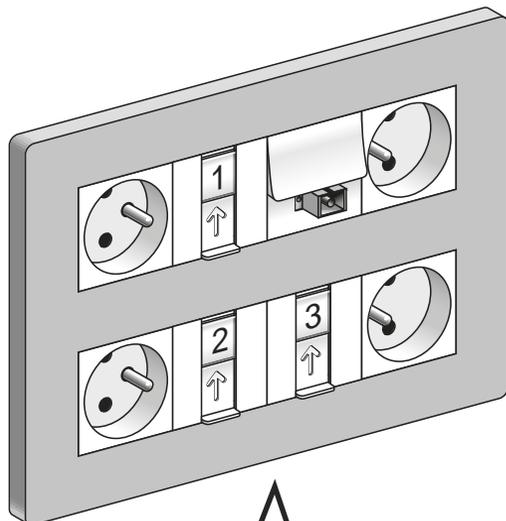
Seul un personnel qualifié doit effectuer l'installation et l'entretien de cet appareil.

**Si ces directives ne sont pas respectées cela entraînera des blessures graves.**



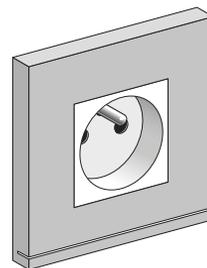
## Unica

Boîte de concentration encastrée  
2 rangs de 8 modules

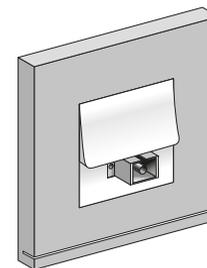


## Unica

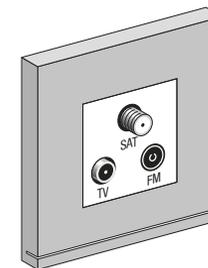
Prise RJ45 simple



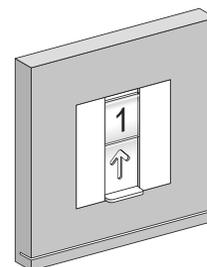
Prise 2P+T 90°



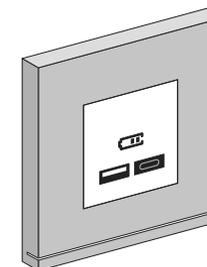
Prise RJ45 simple



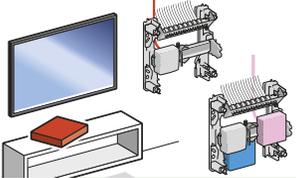
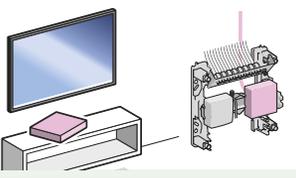
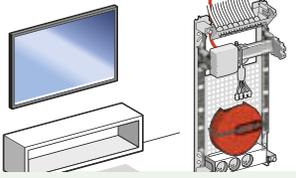
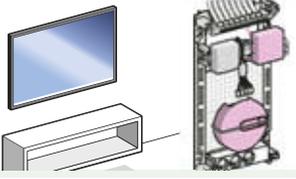
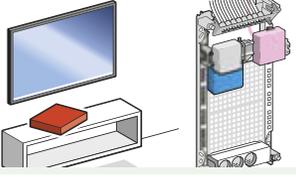
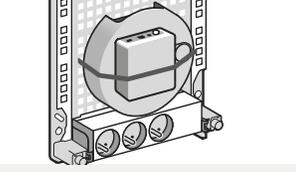
Prise TV + SAT+ FM

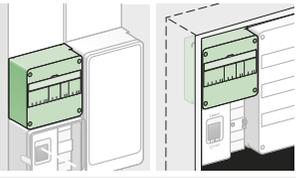
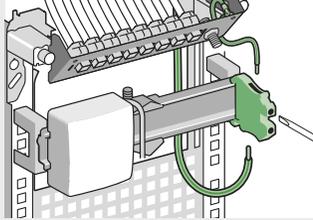
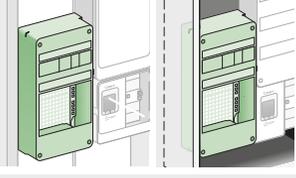
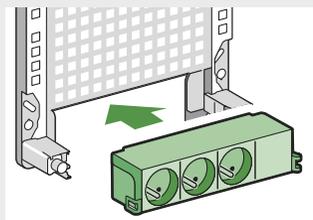
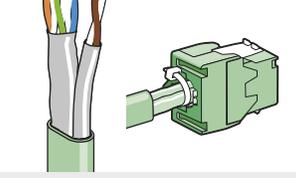
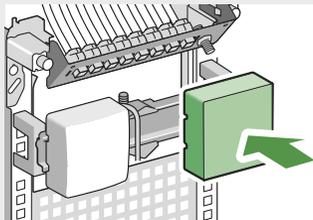
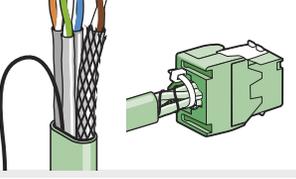
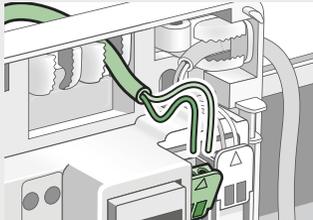
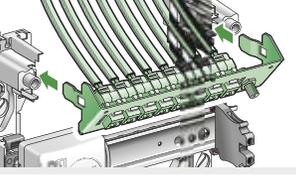
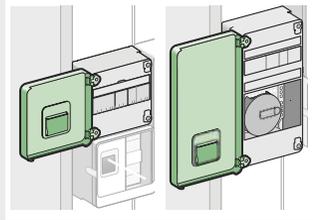
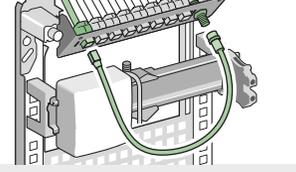


Prise Optique SC/SC

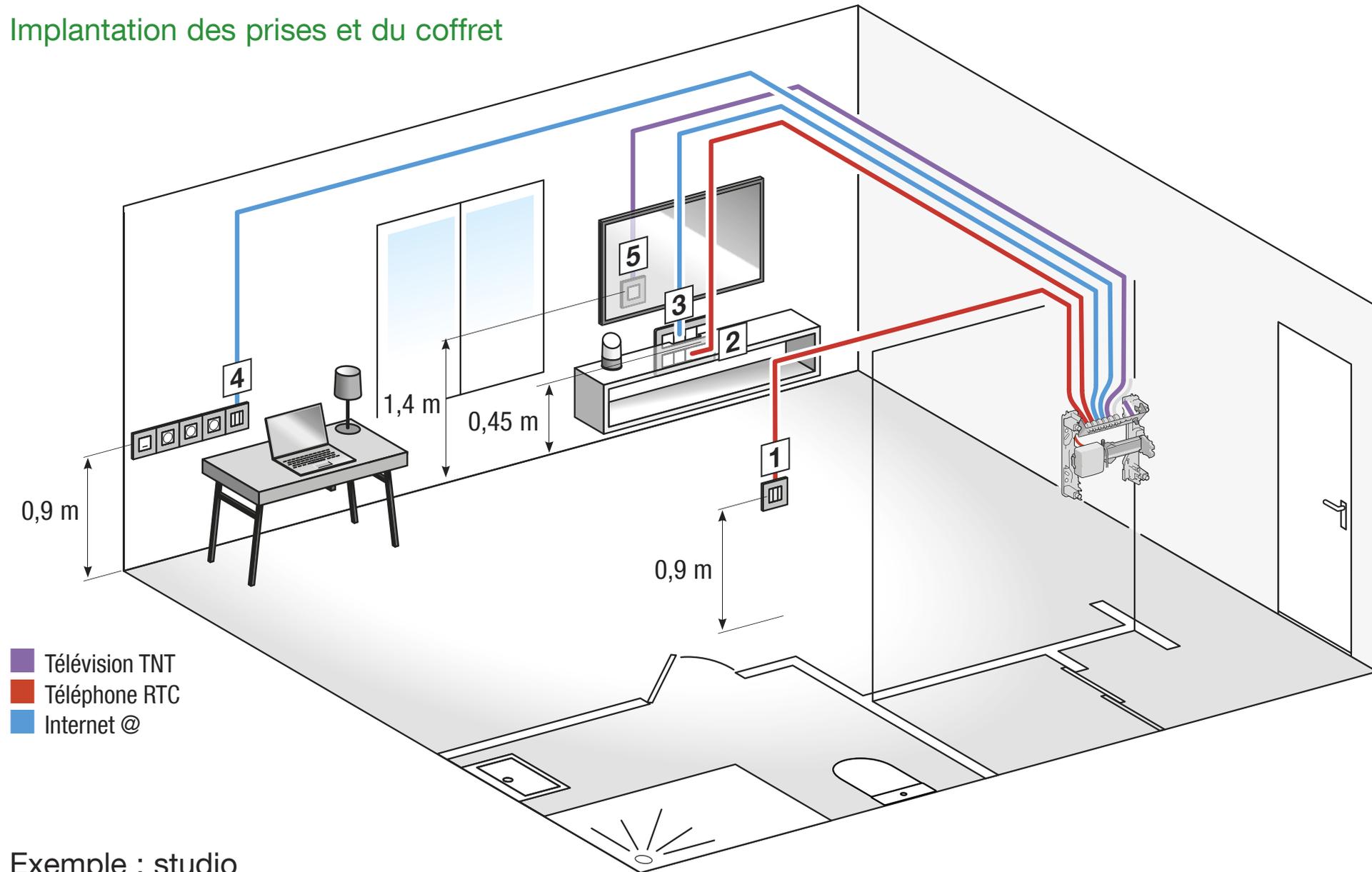


Prise chargeur USB double  
5 Vcc 2,4 A

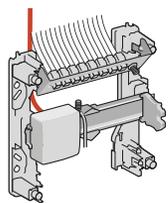
UTILISATEUR		
VDIRM0006	 <p>Raccordement Box cuivre dans le séjour</p>	<b>A</b>
	 <p>Raccordement Box optique dans le séjour</p>	<b>B</b>
VDIRM0036	 <p>Raccordement Box cuivre dans le coffret</p>	<b>C</b>
	 <p>Raccordement Box optique dans le coffret</p>	<b>D</b>
	 <p>Raccordement Box cuivre dans le séjour et optique dans le coffret</p>	<b>E</b>
	 <p>Fixation Box et ONT dans le coffret</p>	<b>F</b>

INSTALLATEUR			
 <p>Coffret VDIRM0006 Composition et fixation</p>	<b>G</b>	 <p>Mise à la terre</p>	<b>M</b>
 <p>Coffret VDIRM0036 Composition et fixation</p>	<b>H</b>	 <p>Mise en place du bloc prise</p>	<b>N</b>
 <p>Câble Grade 2TV Préparation et raccordement</p>	<b>I</b>	 <p>DTIO Positionnement et raccordement</p>	<b>O</b>
 <p>Câble Grade 3TV Préparation et raccordement</p>	<b>J</b>	 <p>Jonction cordon RJ11 pour DSL de la Box cuivre</p>	<b>P</b>
 <p>Montage des connecteurs et du bandeau</p>	<b>K</b>	 <p>Fixation coiffe et porte</p>	<b>Q</b>
 <p>Raccordement TV</p>	<b>L</b>		

Implantation des prises et du coffret

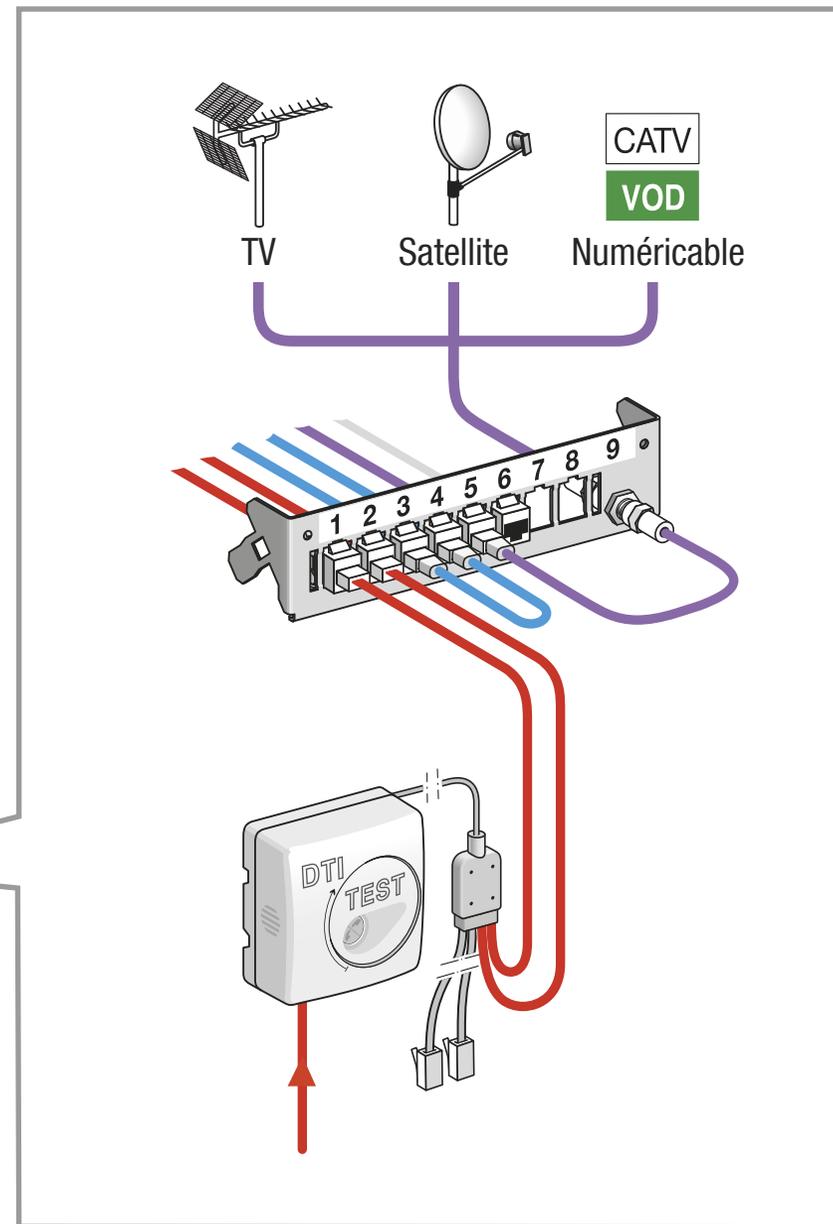
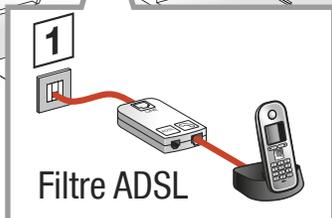
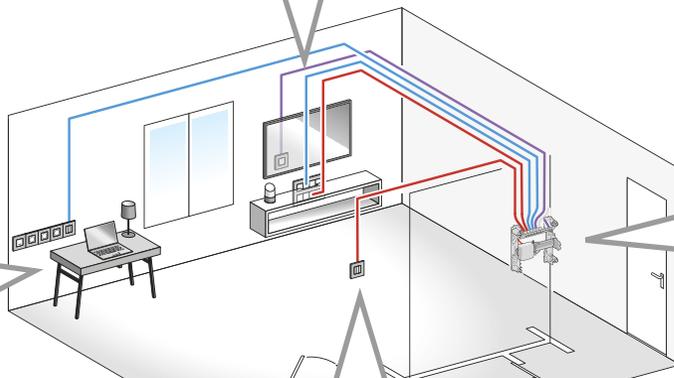
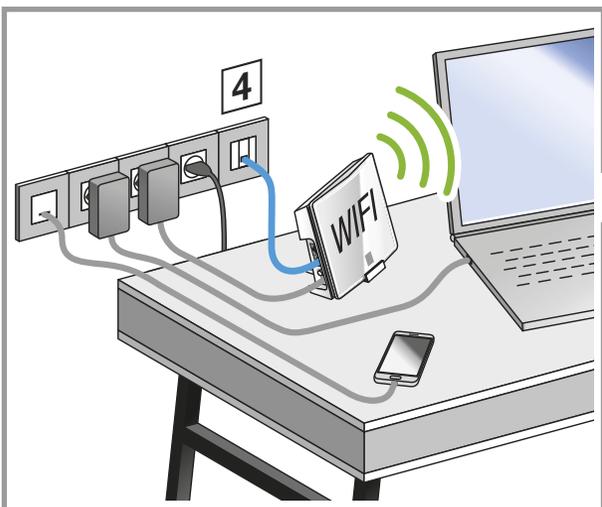
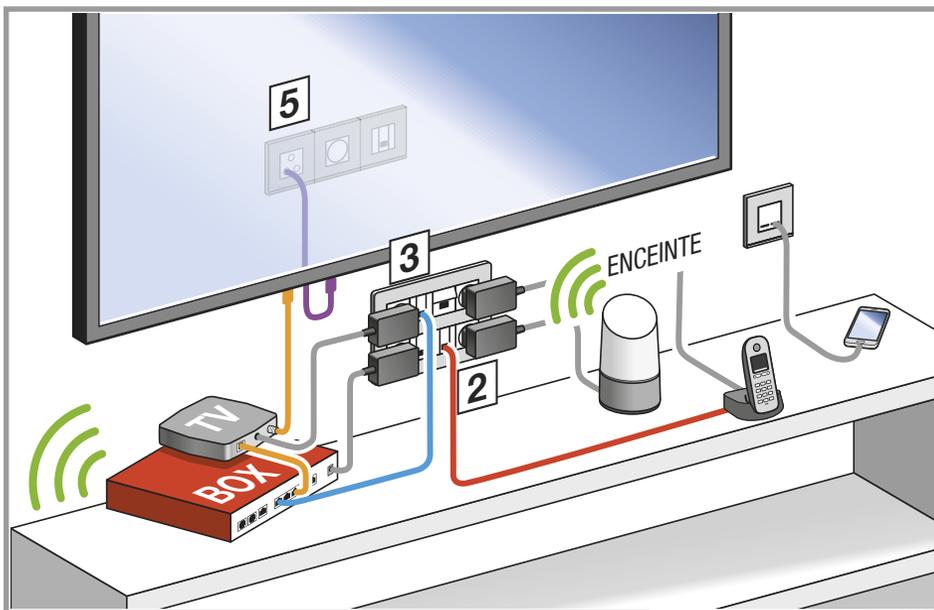


Exemple : studio

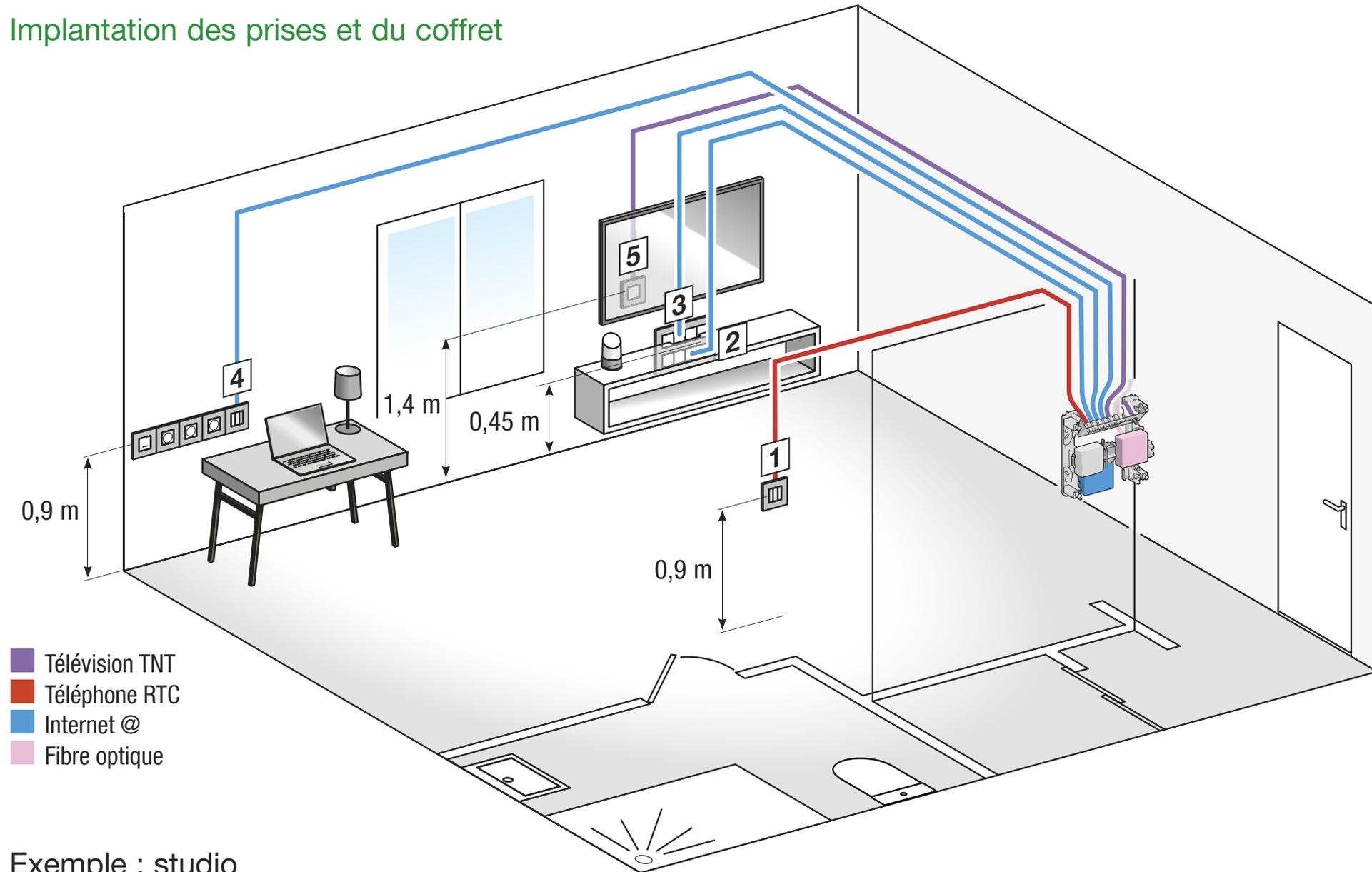


VDIRM0006

- Télévision TNT
- Téléphone RTC
- Télévision @
- Téléphone @
- Internet @

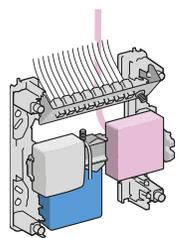


Implantation des prises et du coffret



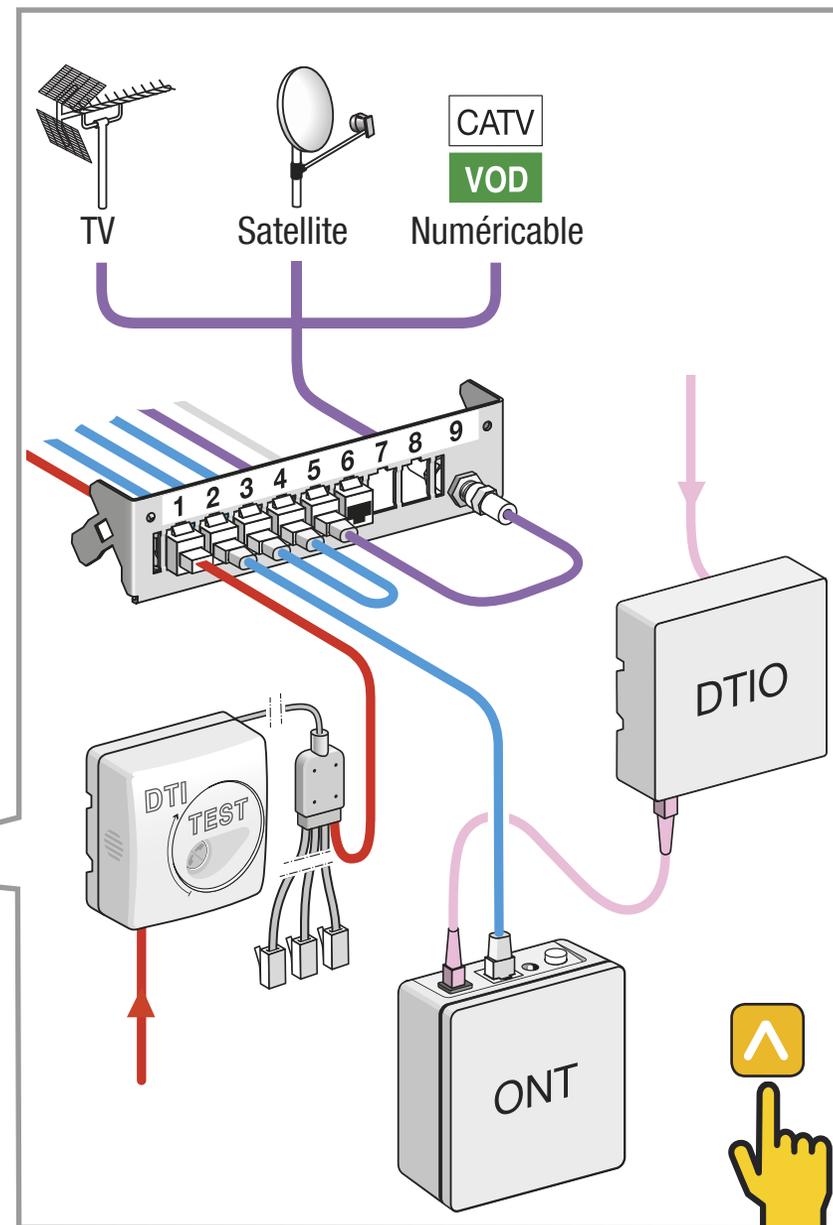
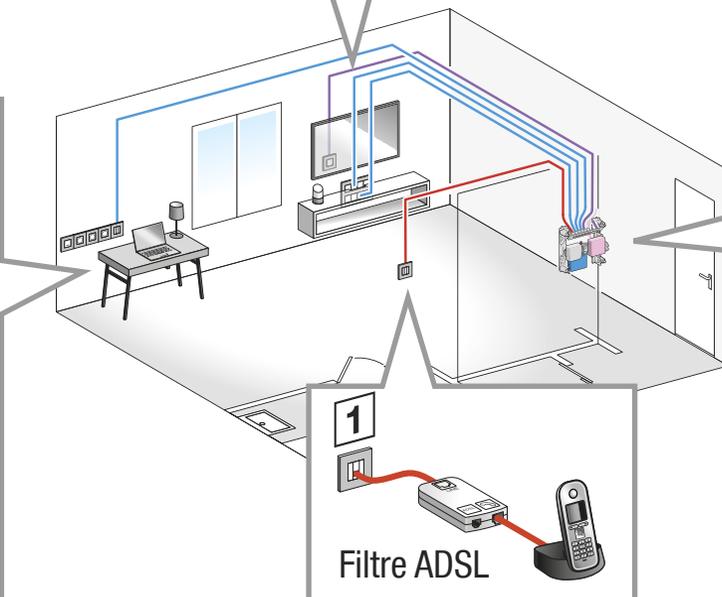
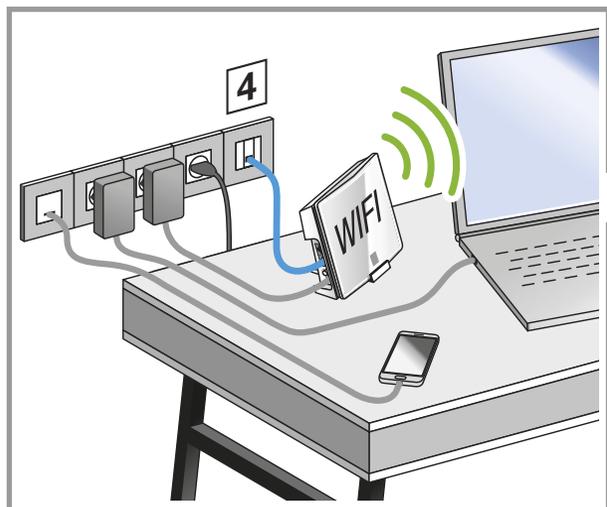
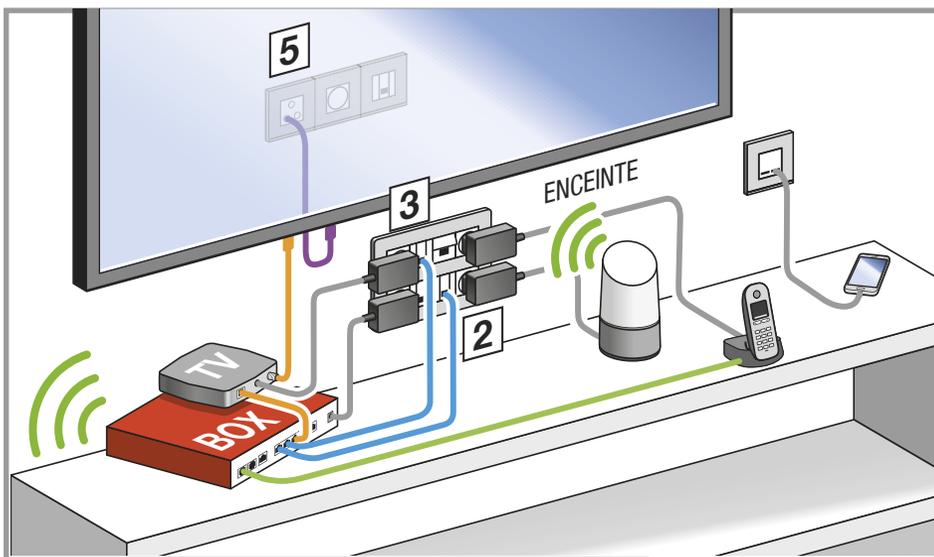
Exemple : studio

Optique avec ONT dans le coffret

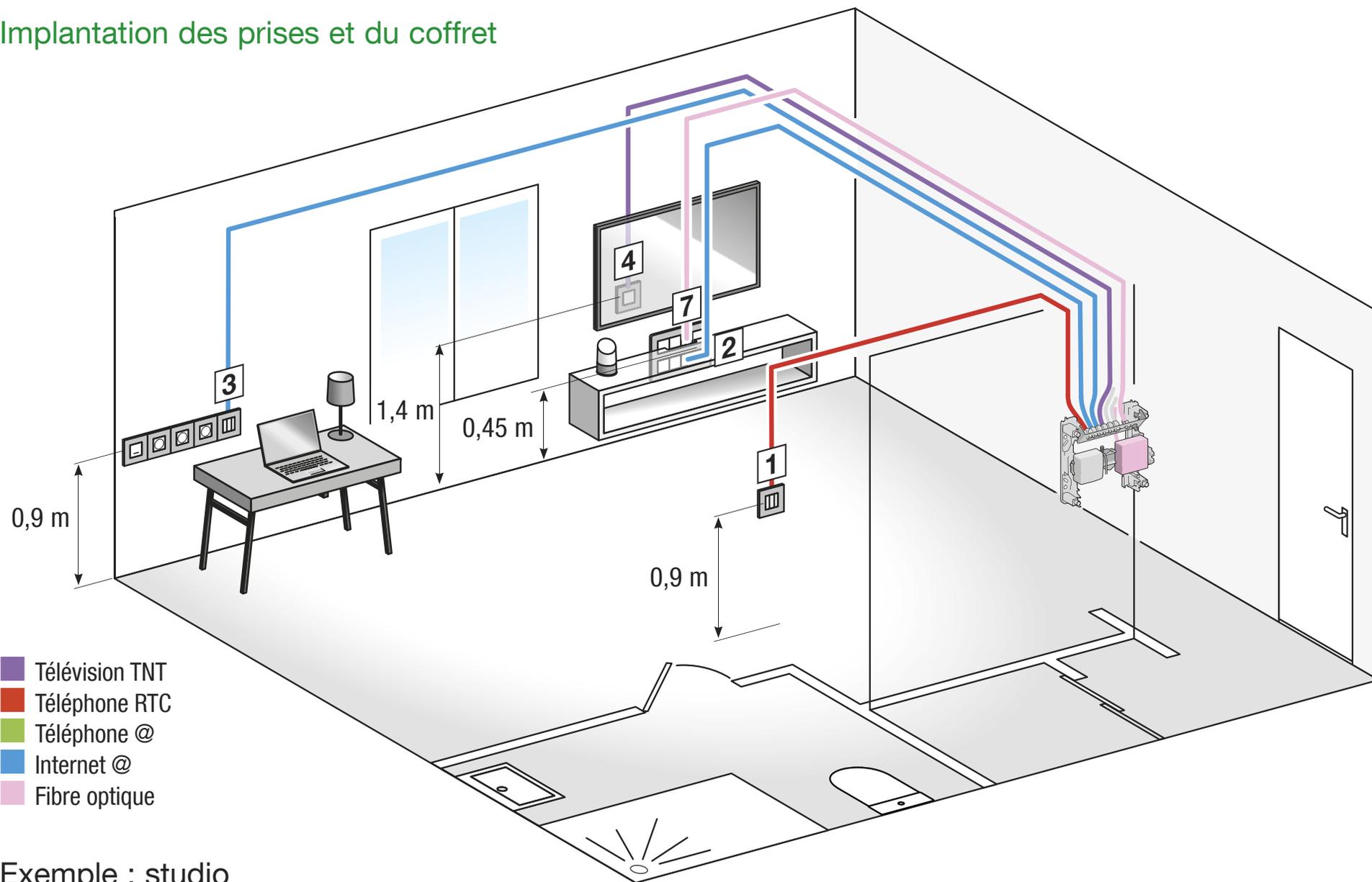


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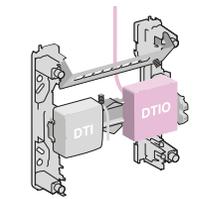
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- Téléphone @
- Internet @
- Fibre optique



Implantation des prises et du coffret

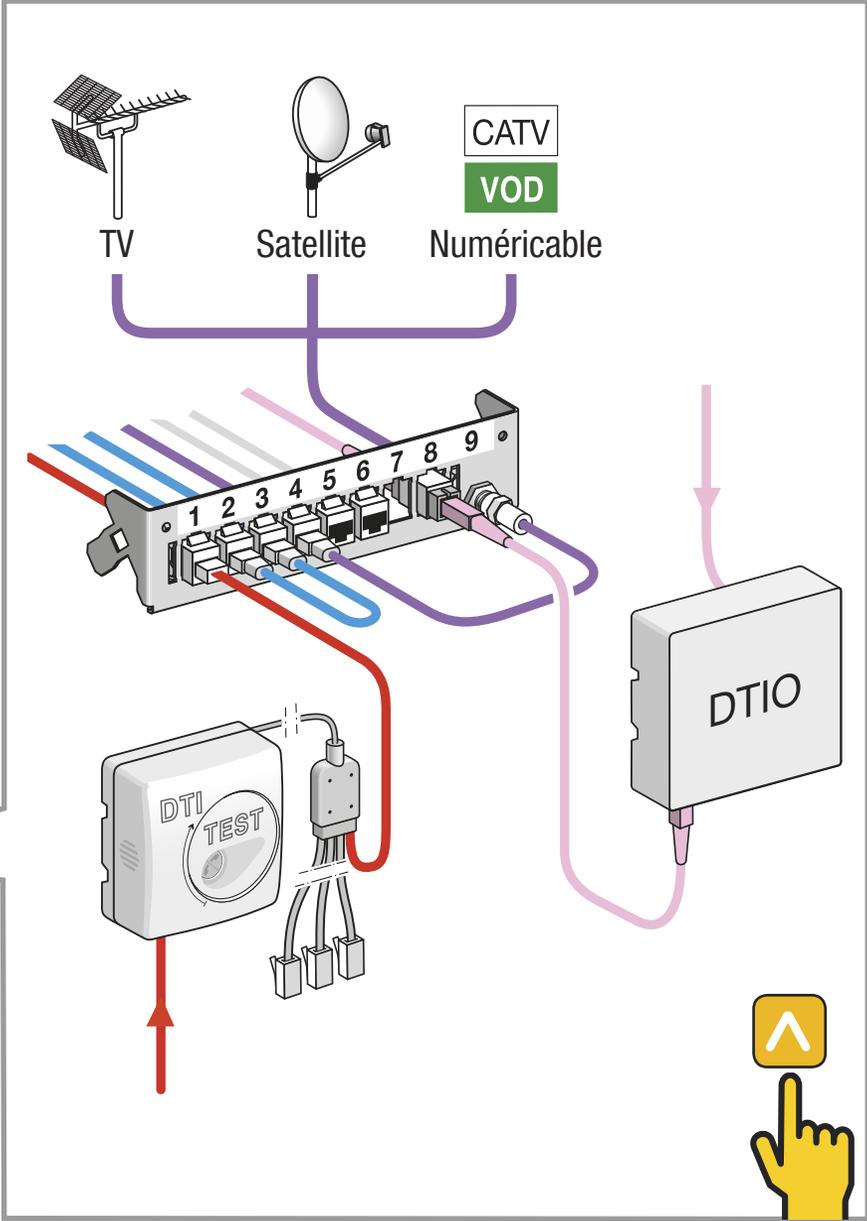
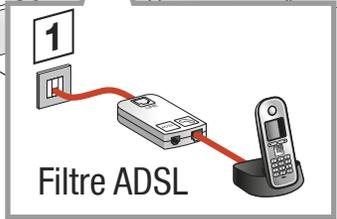
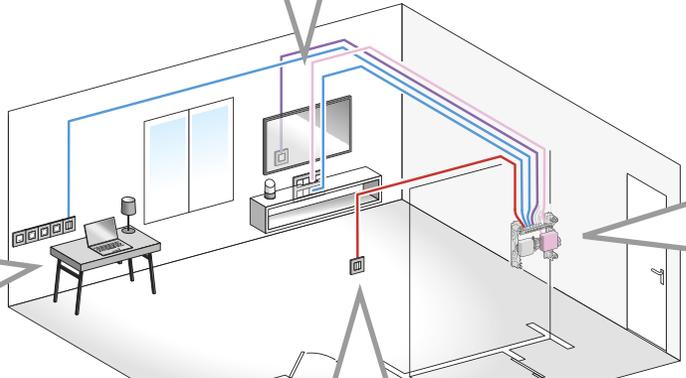
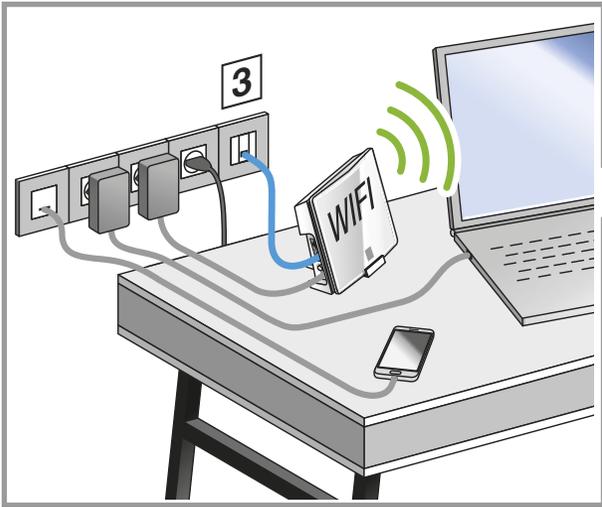
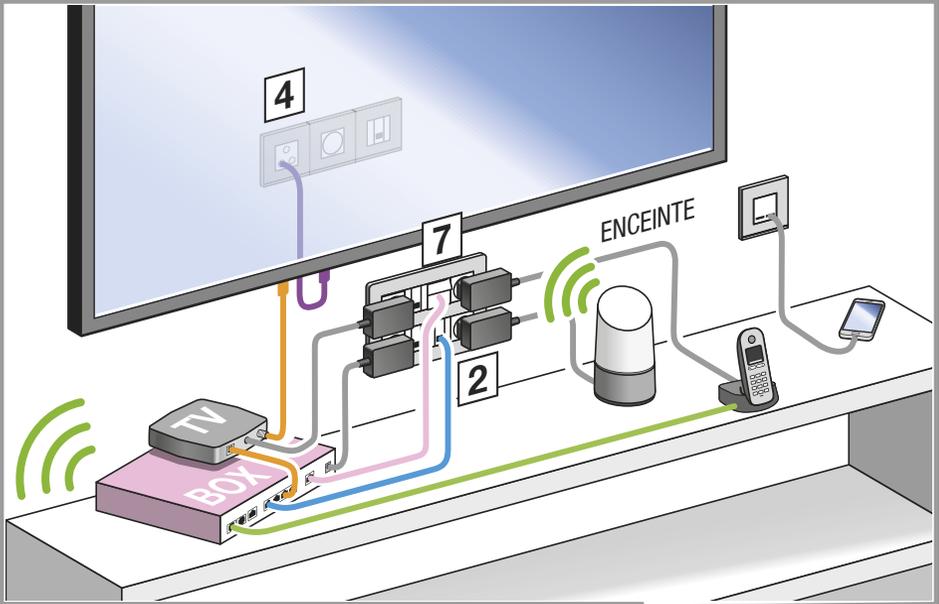


Exemple : studio

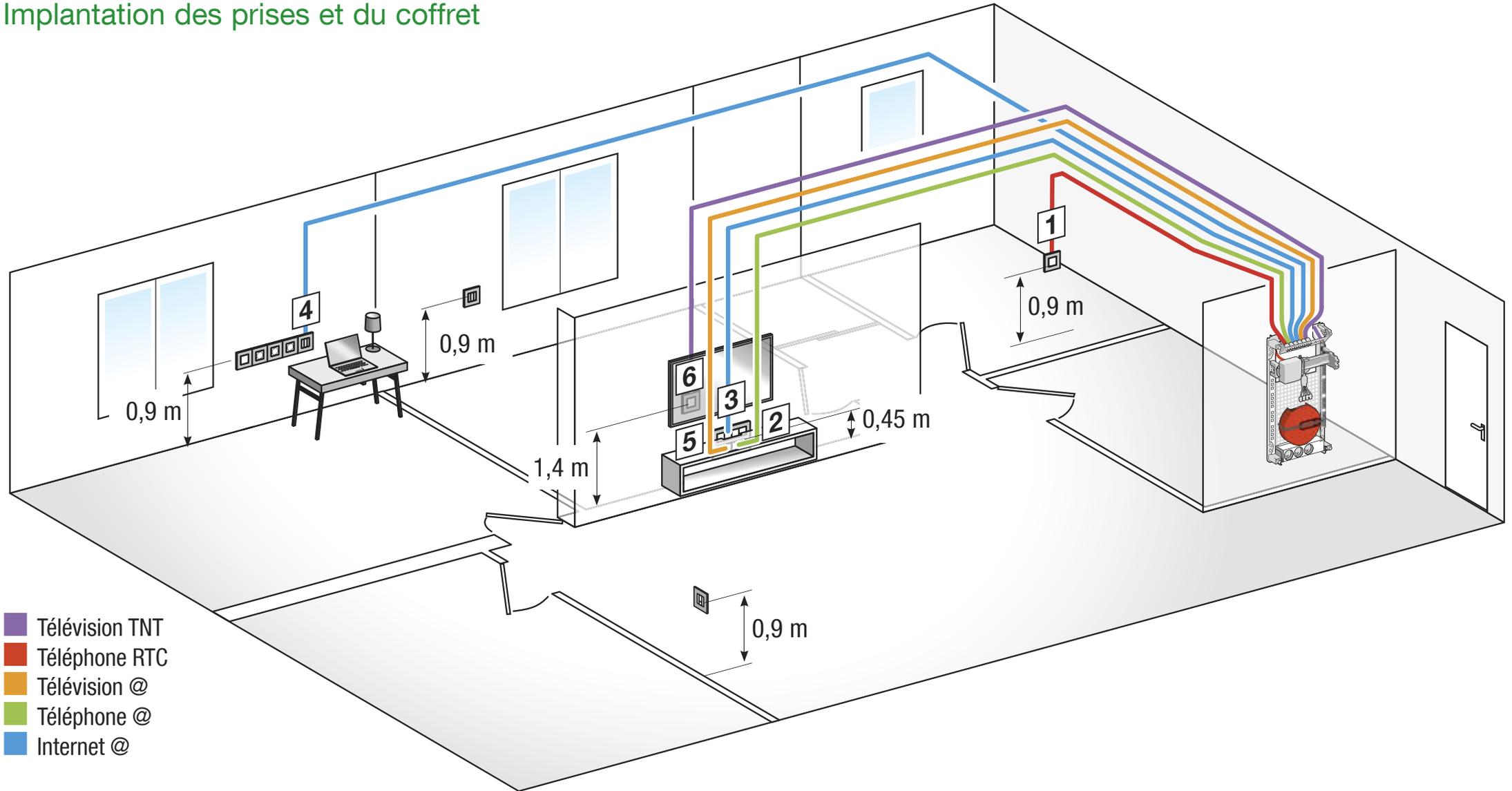


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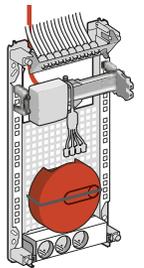
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- Fibre optique



Implantation des prises et du coffret

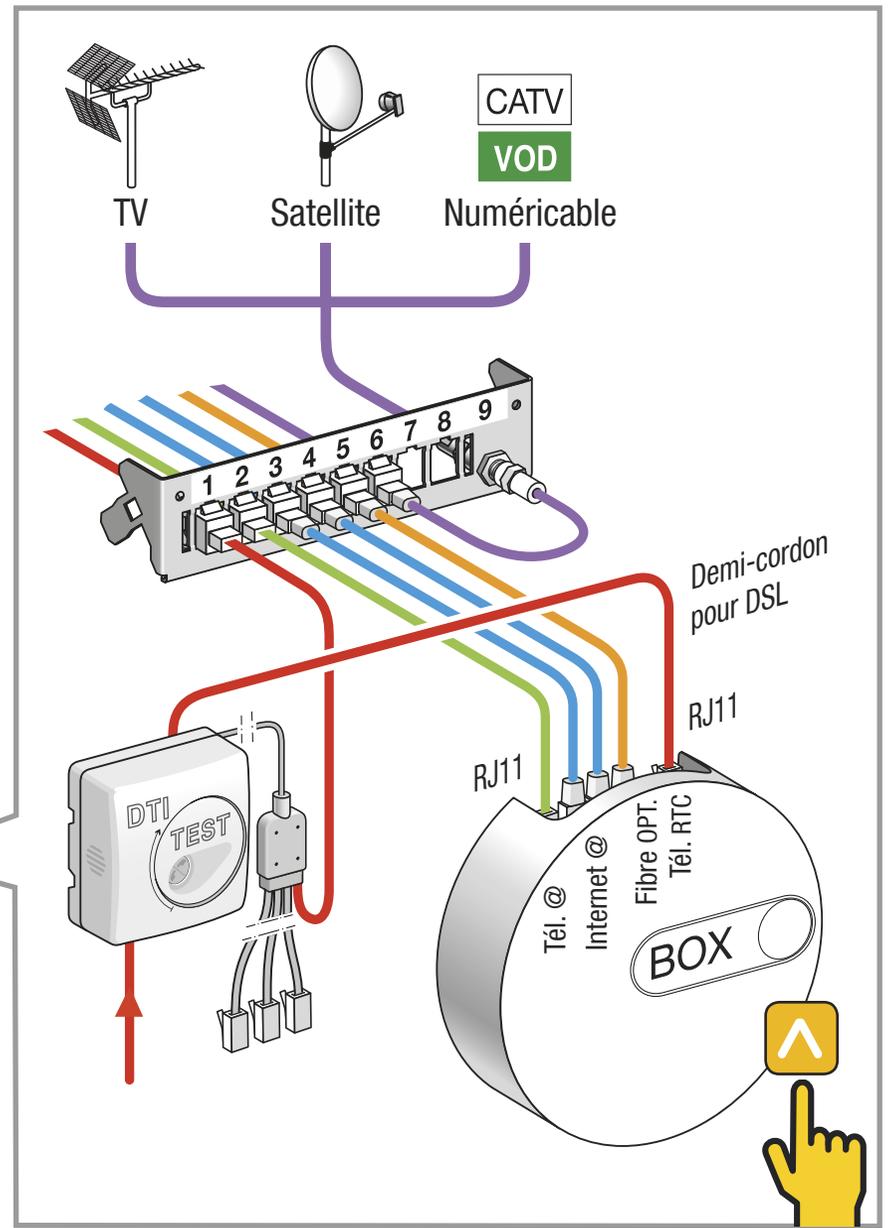
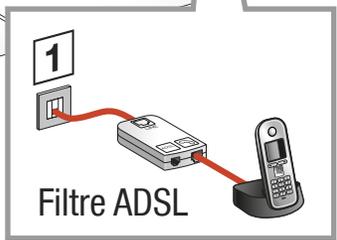
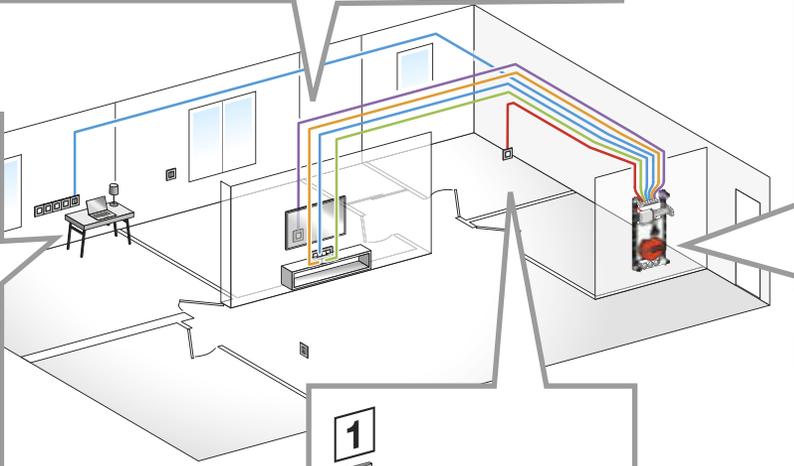
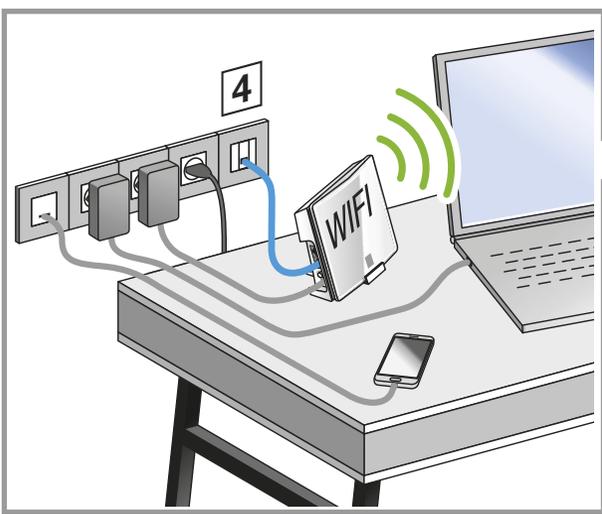
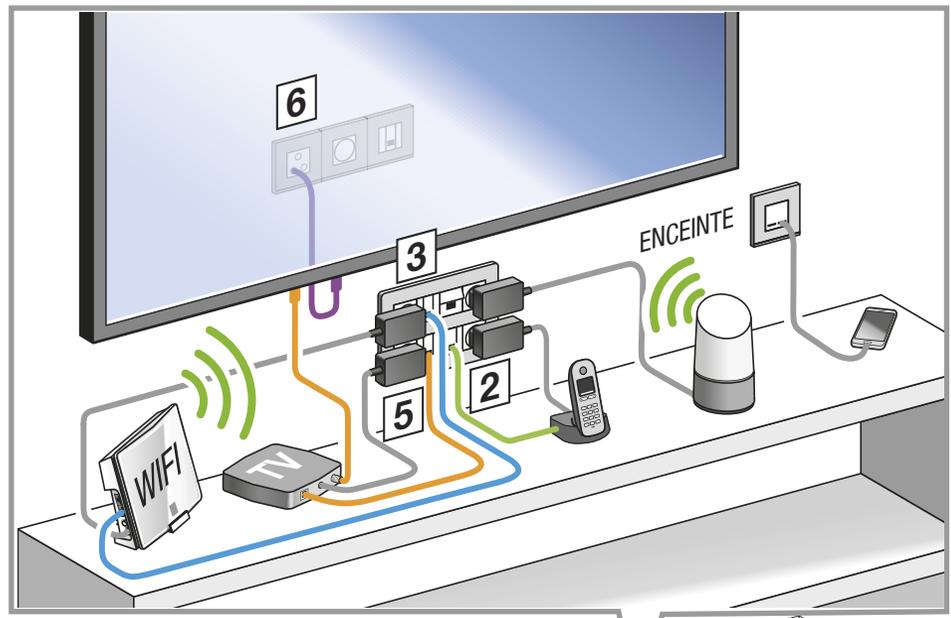


Exemple : appartement

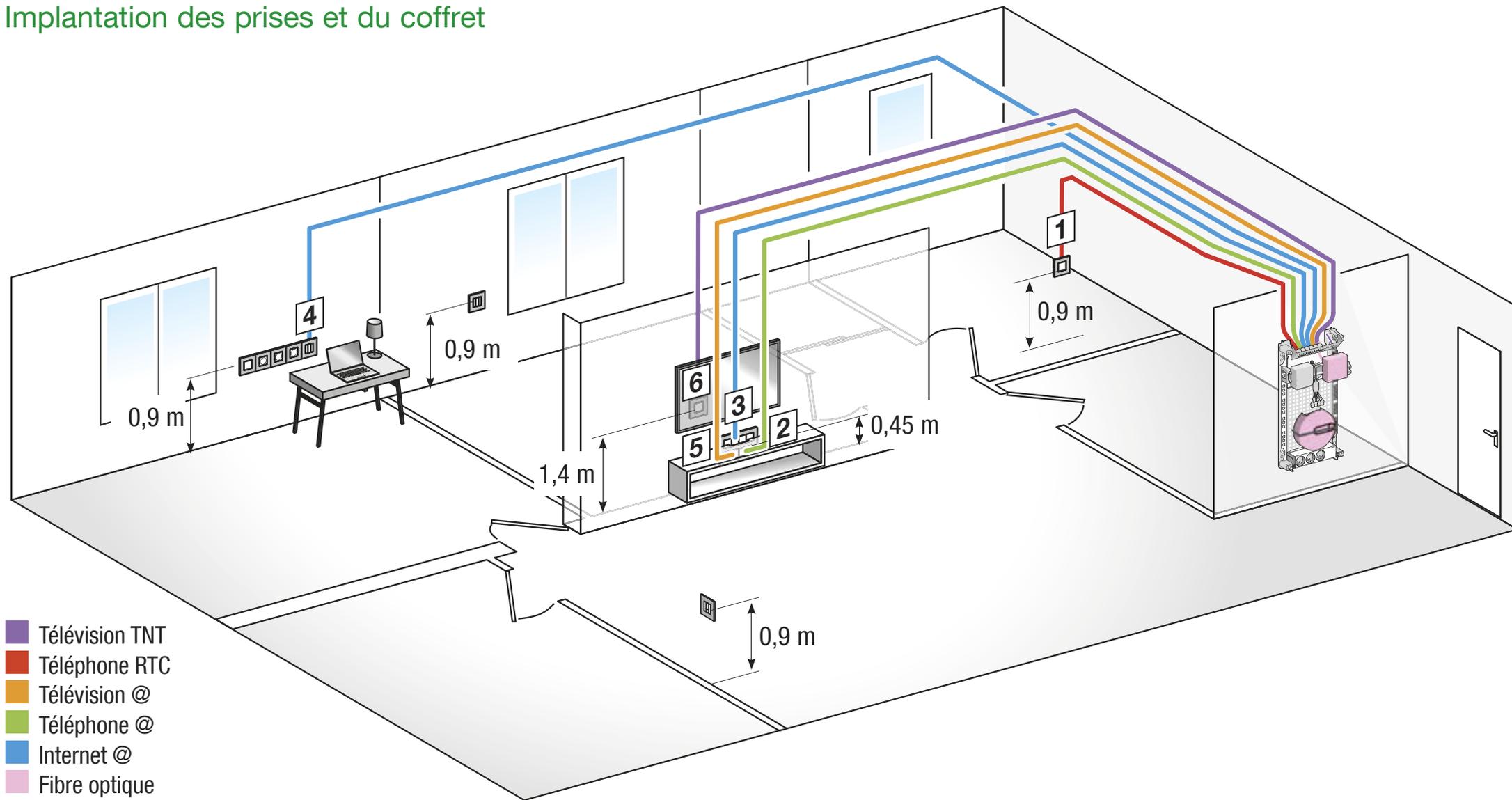


VDIRM0036

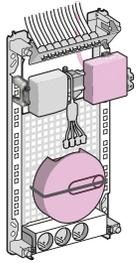
- Télévision TNT
- Téléphone RTC
- Télévision @
- Téléphone @
- Internet @



Implantation des prises et du coffret

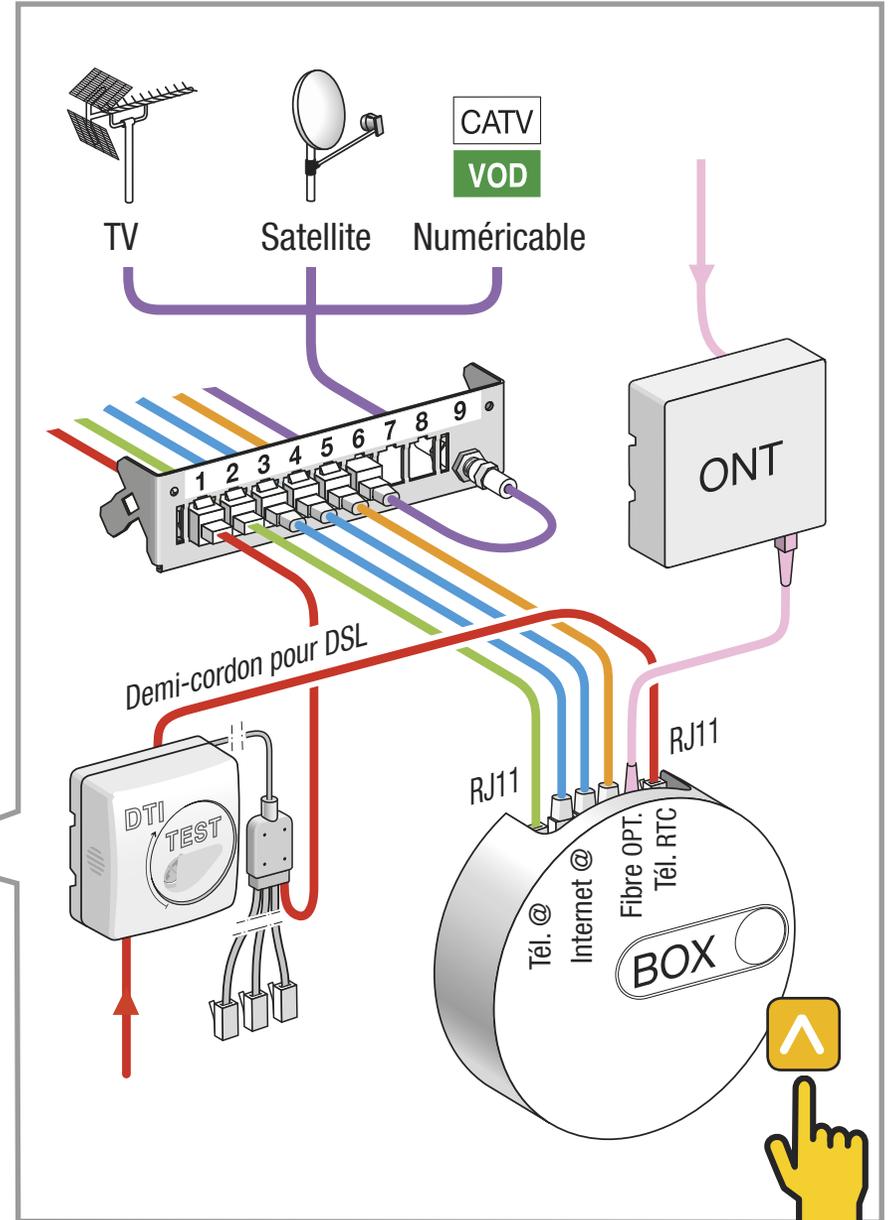
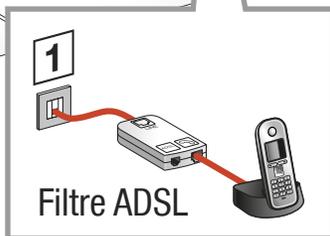
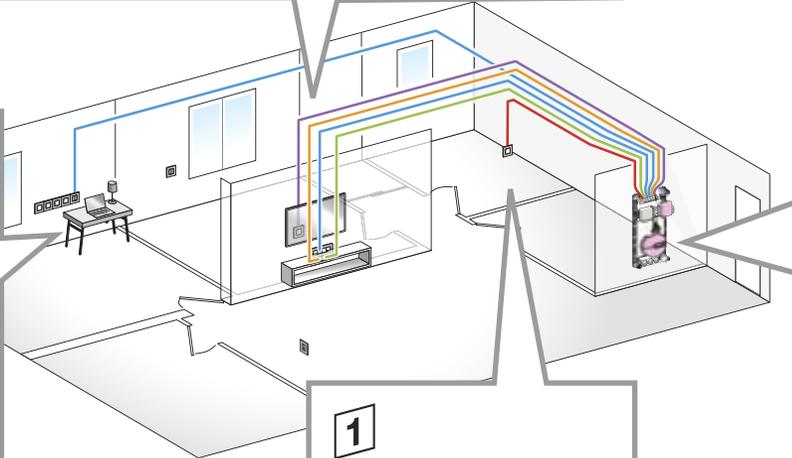
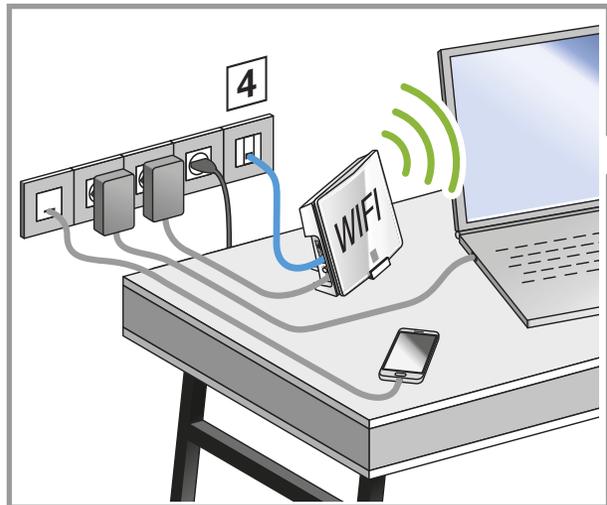
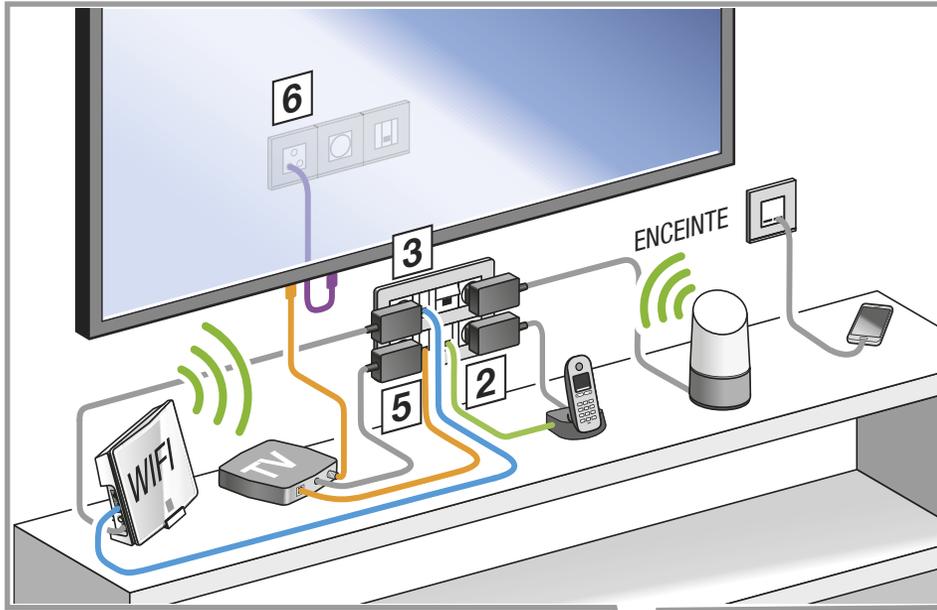


Exemple : appartement

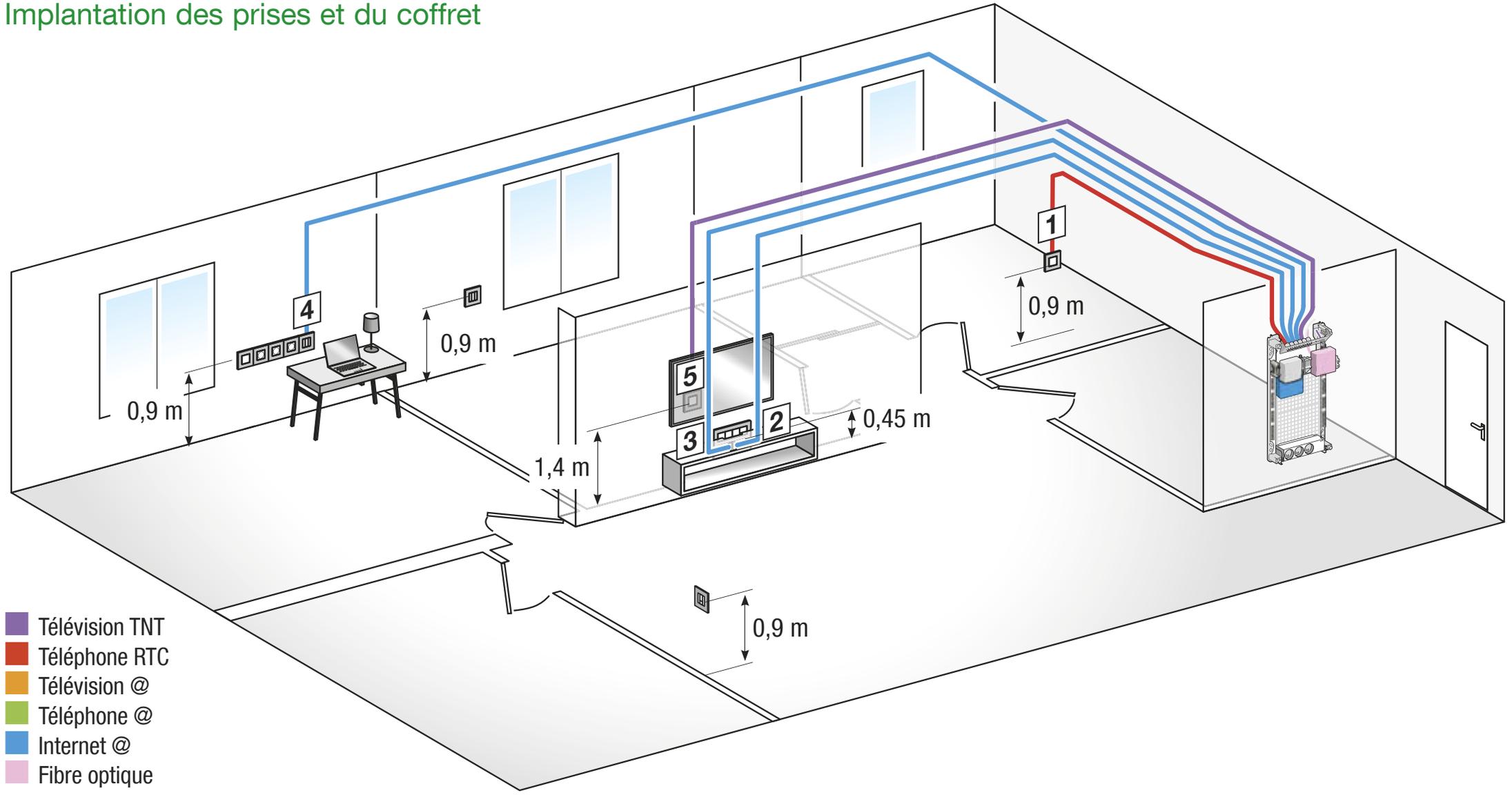


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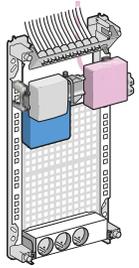
- Télévision TNT
- Téléphone RTC
- Télévision @
- Téléphone @
- Internet @
- Fibre optique



Implantation des prises et du coffret

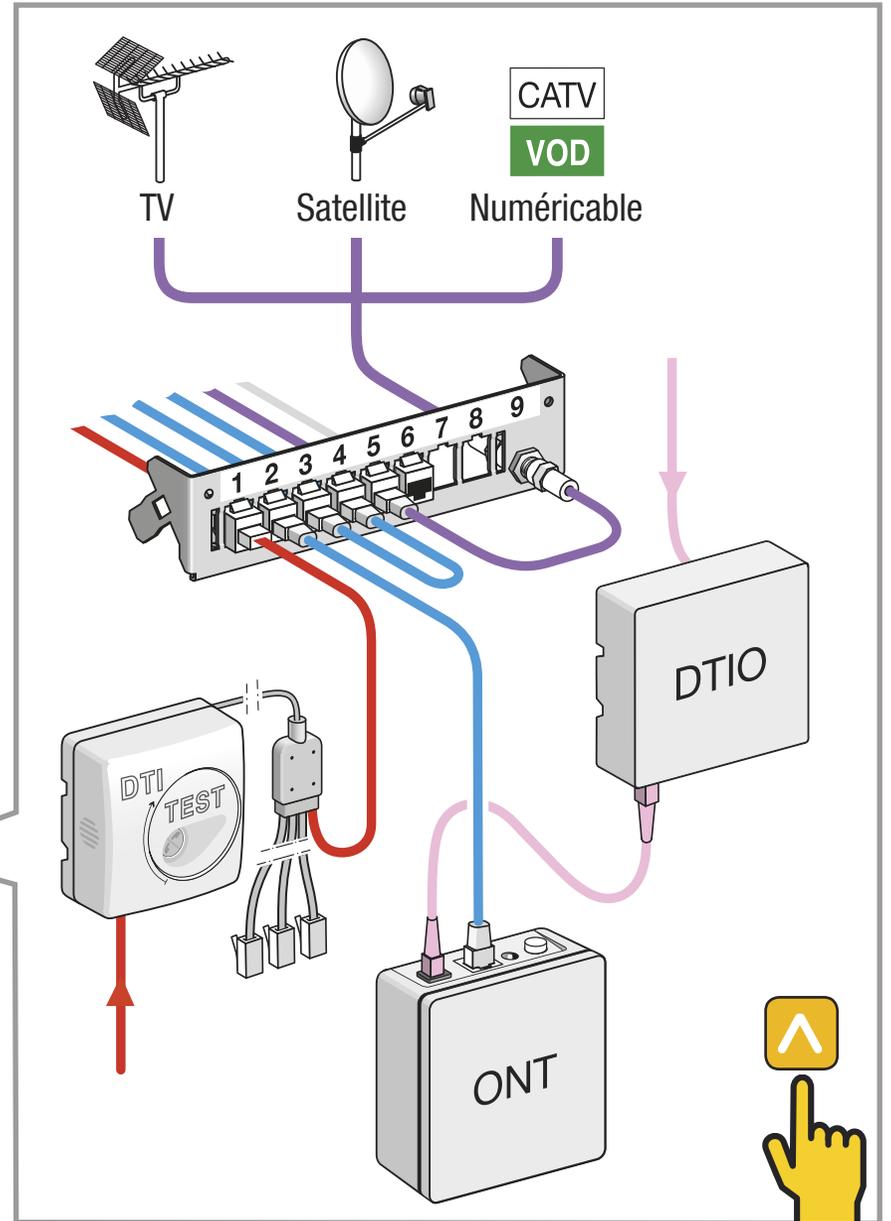
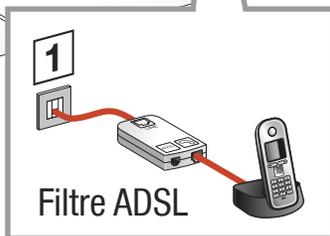
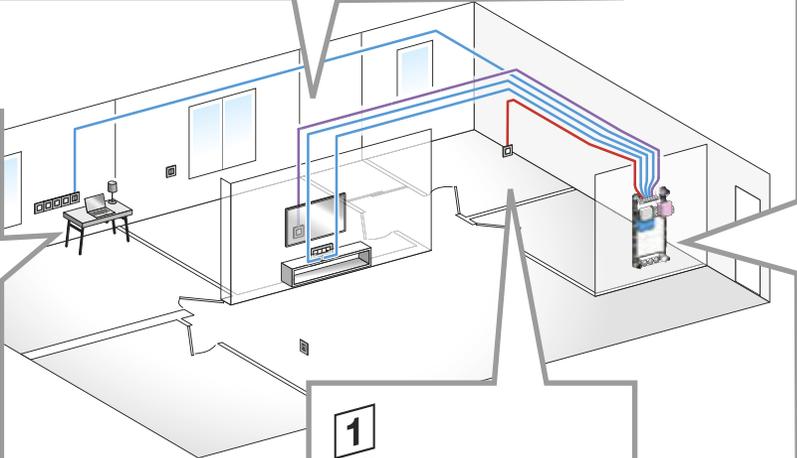
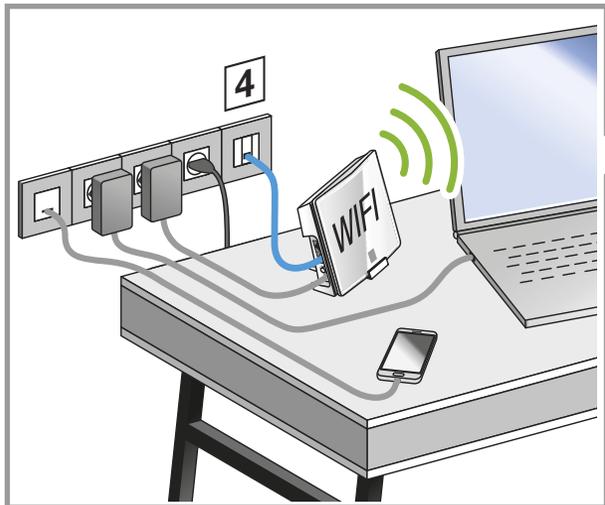
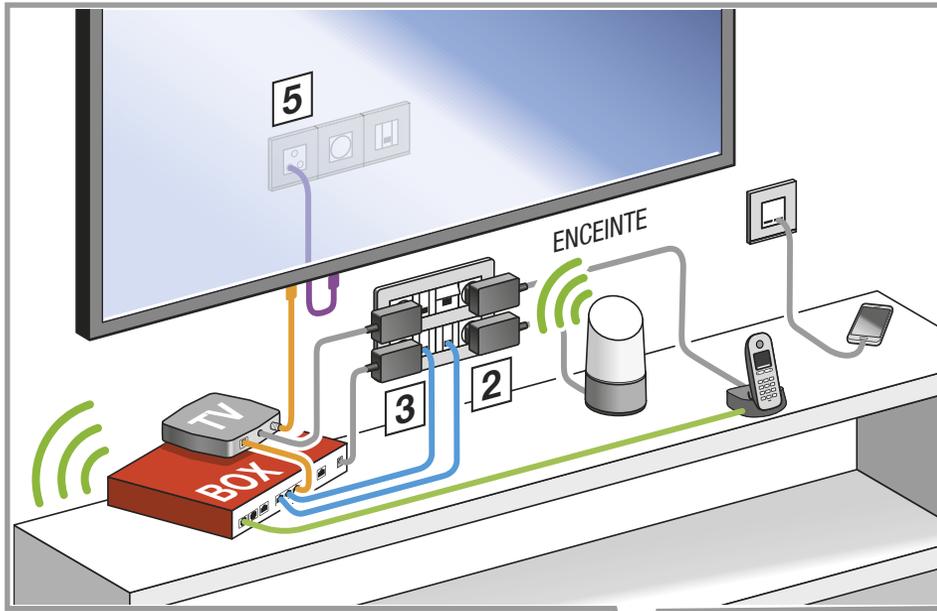


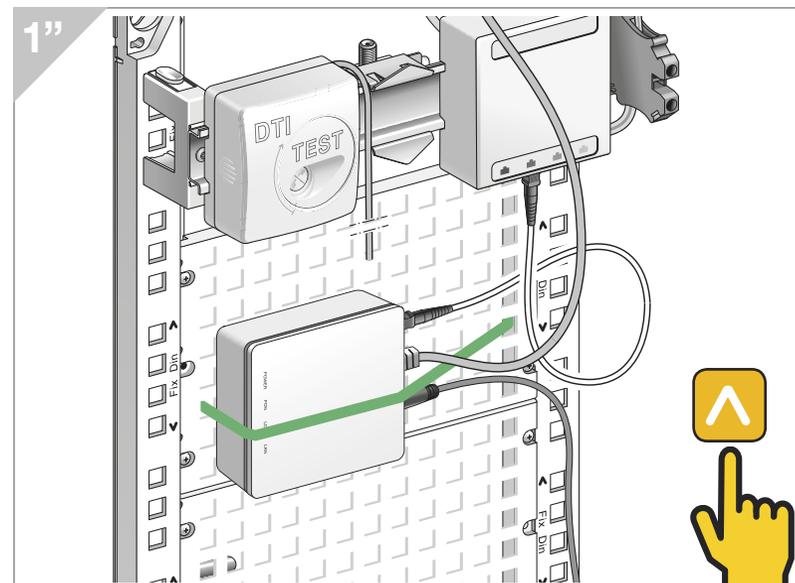
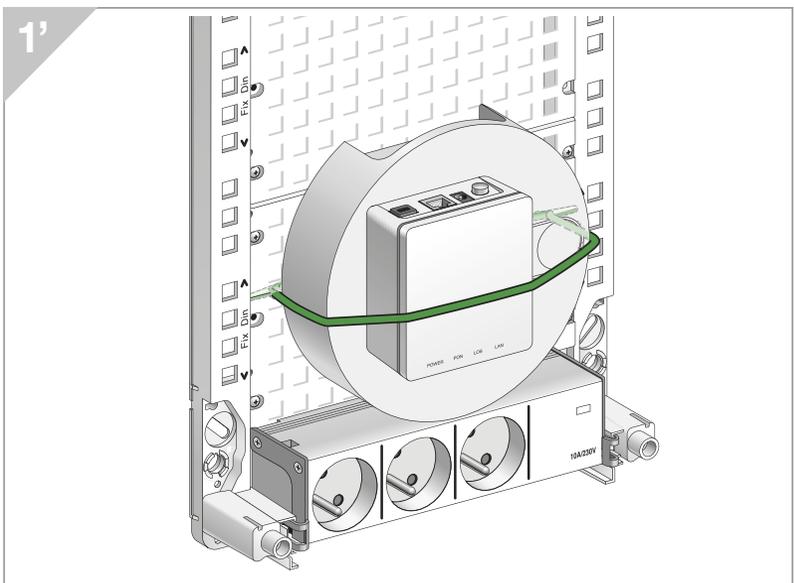
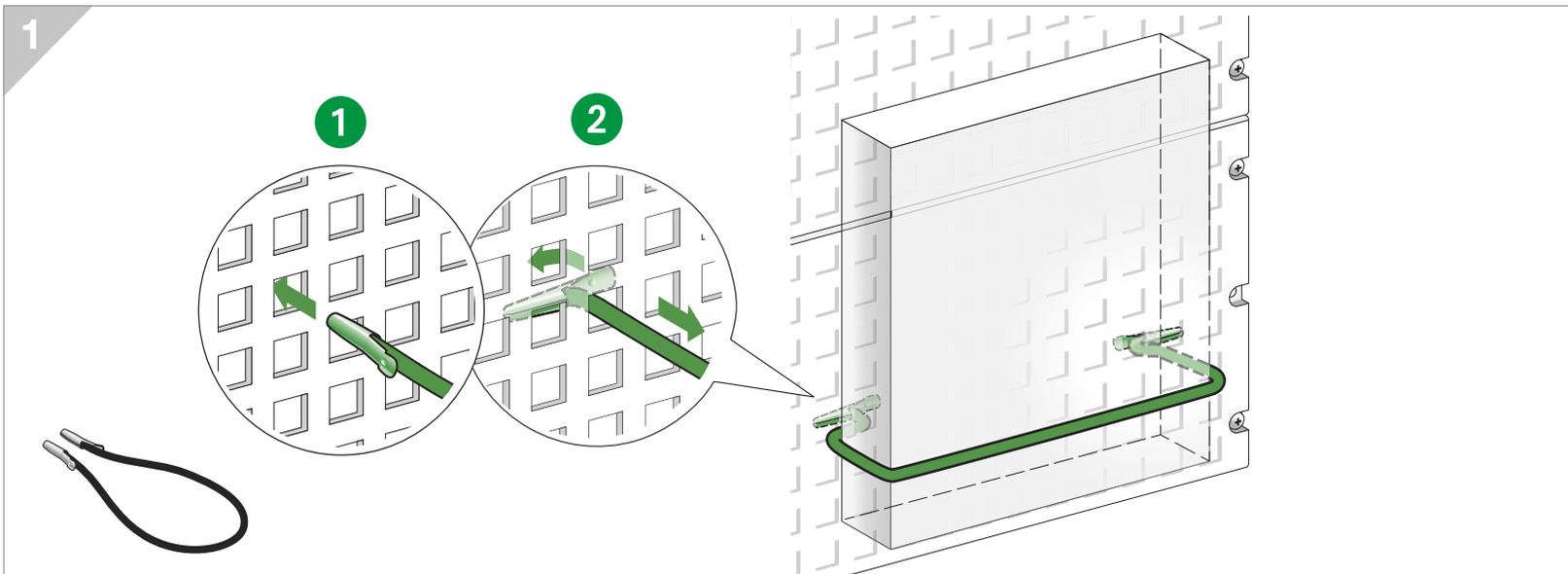
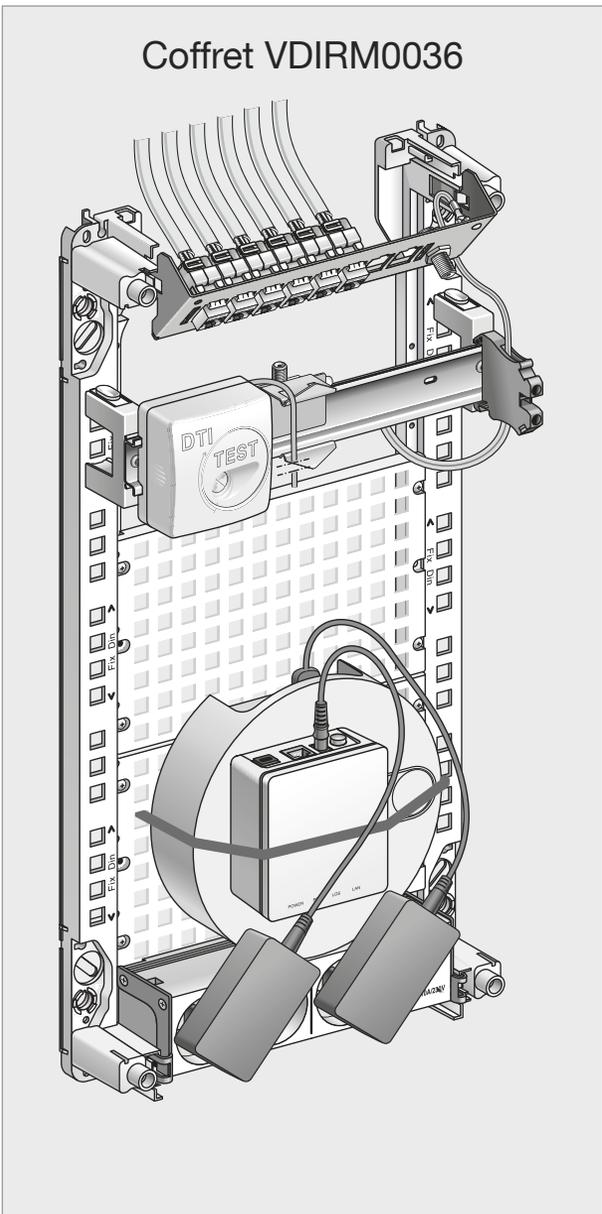
Exemple : appartement

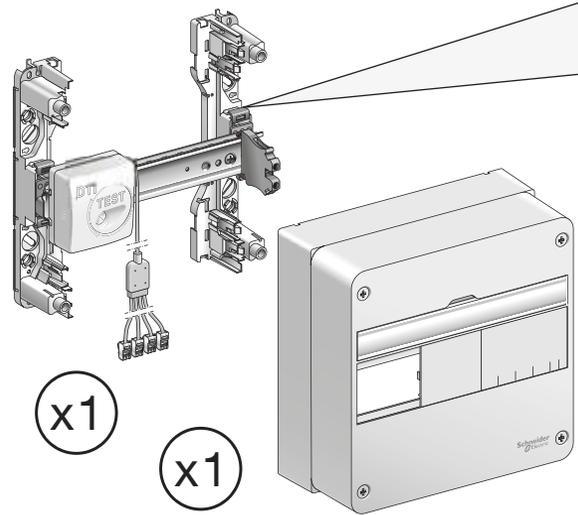


VDIRM0036

- Télévision TNT
- Téléphone RTC
- Télévision @
- Téléphone @
- Internet @
- Fibre optique







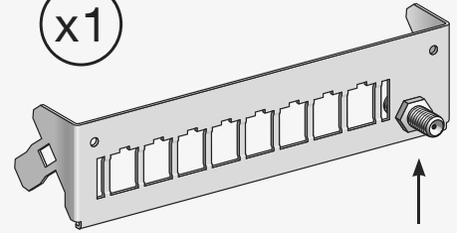
x1

x1

Grade 2 TV TAMC  
VDIRM0006

Panneau de brassage  
8 ports

x1



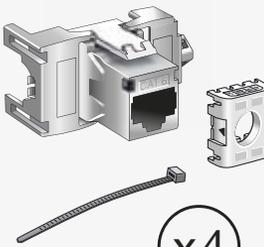
Traversée  
connecteur type F



Strap de mise  
à la terre

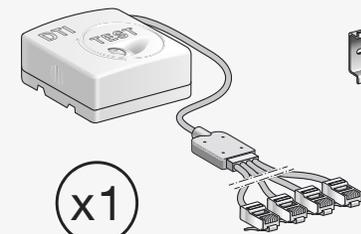
x1

Connecteur  
keystone Cat 6



x4

DTI avec cordons  
1 vers 4 plug RJ45



x1

Fix DIN

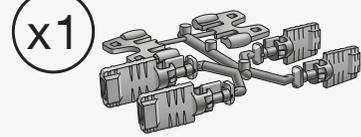


x1

Fixation de box  
(L = 300 mm)

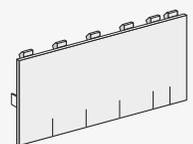


Kit fixation quart de tour  
et juxtaposition



x1

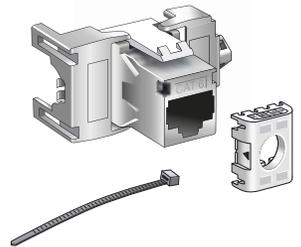
Obturbateur  
5 modules pour coiffe



x3



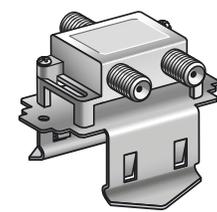
Connecteur  
keystone Cat 6



x1



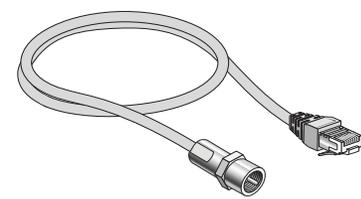
Répartiteur télévision  
avec support rail DIN



x1



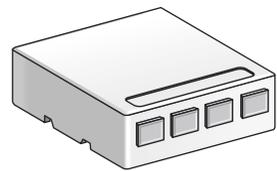
Cordon pour télévision  
RJ45/connecteur type F



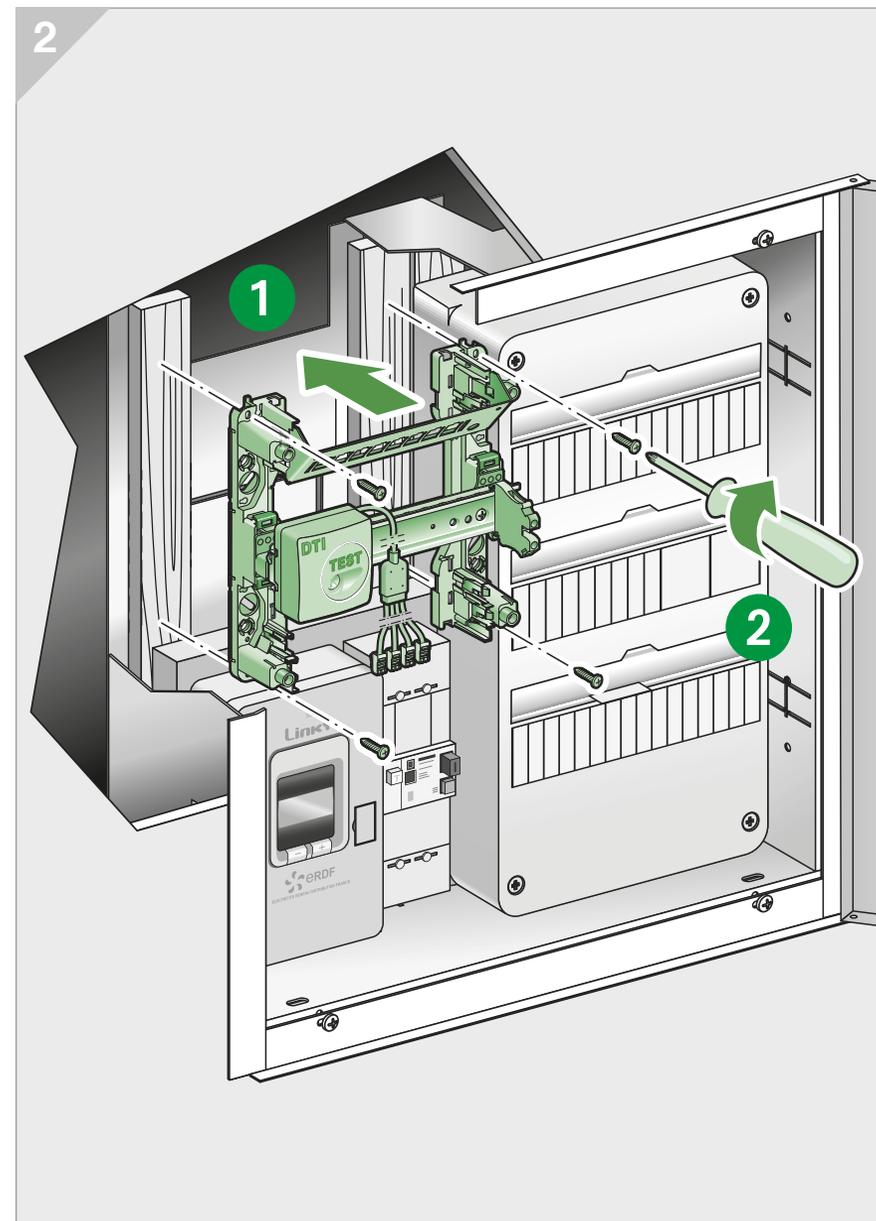
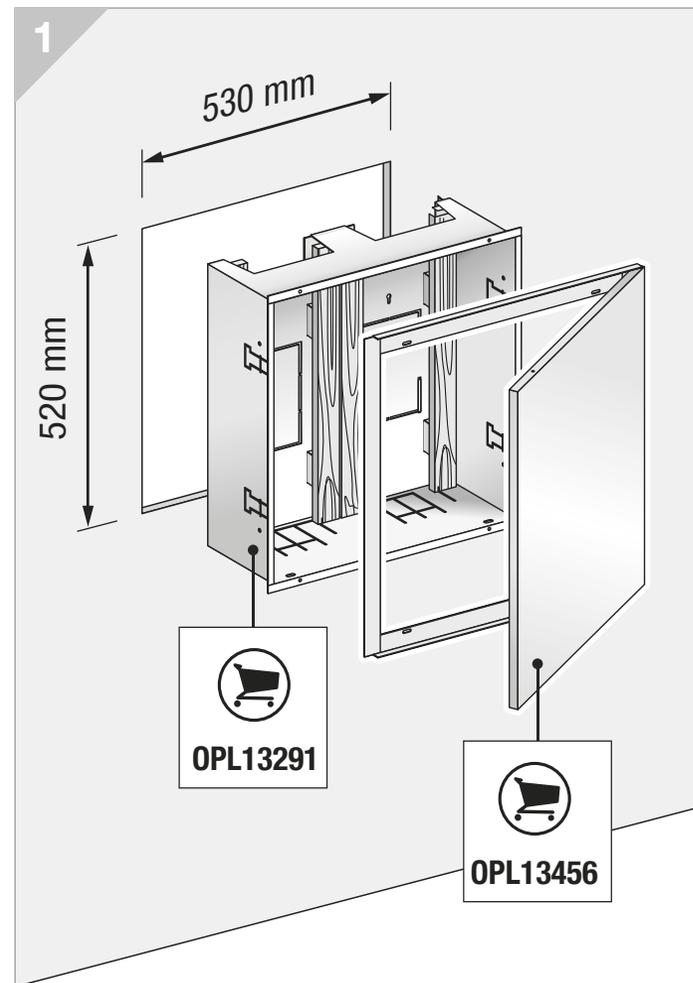
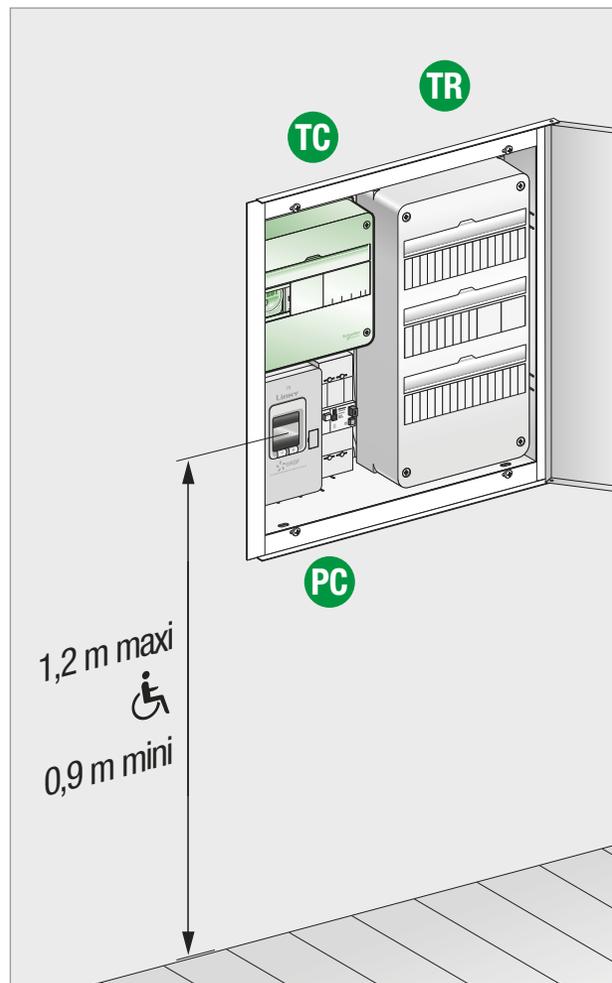
x1

DTIO

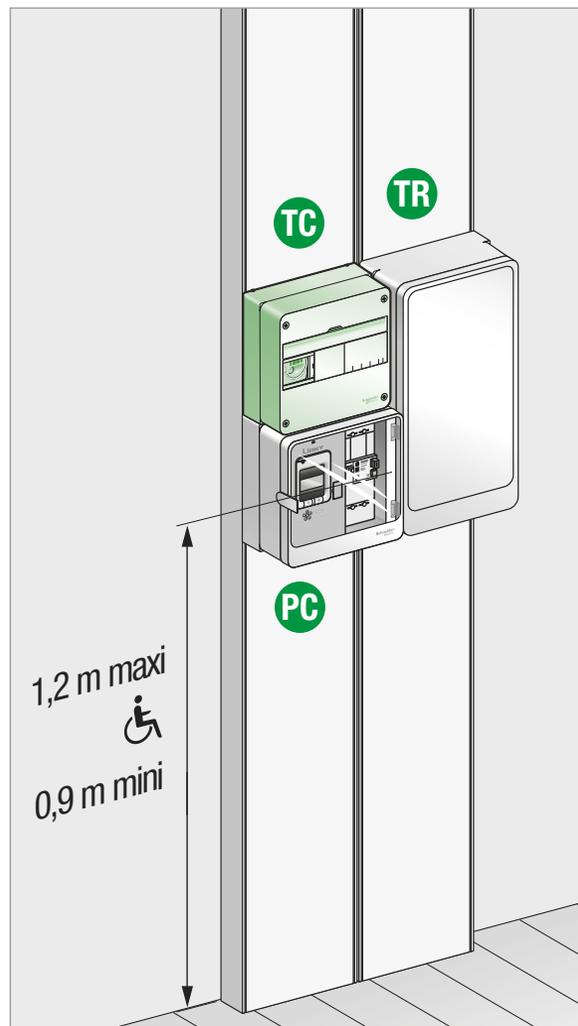
Implanté par le fournisseur  
d'accès internet



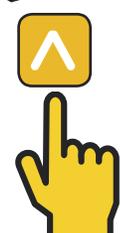
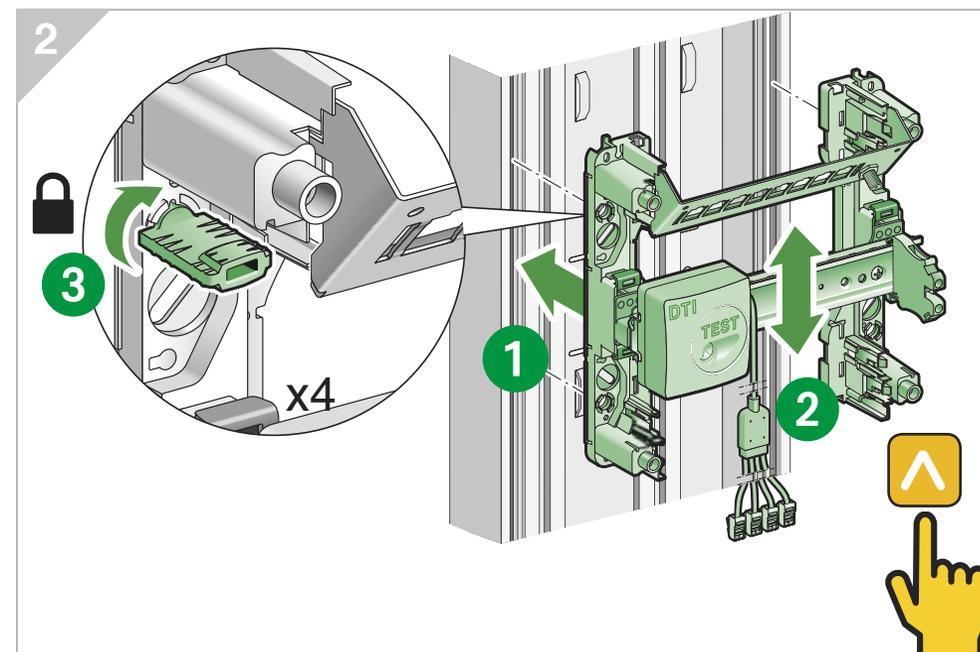
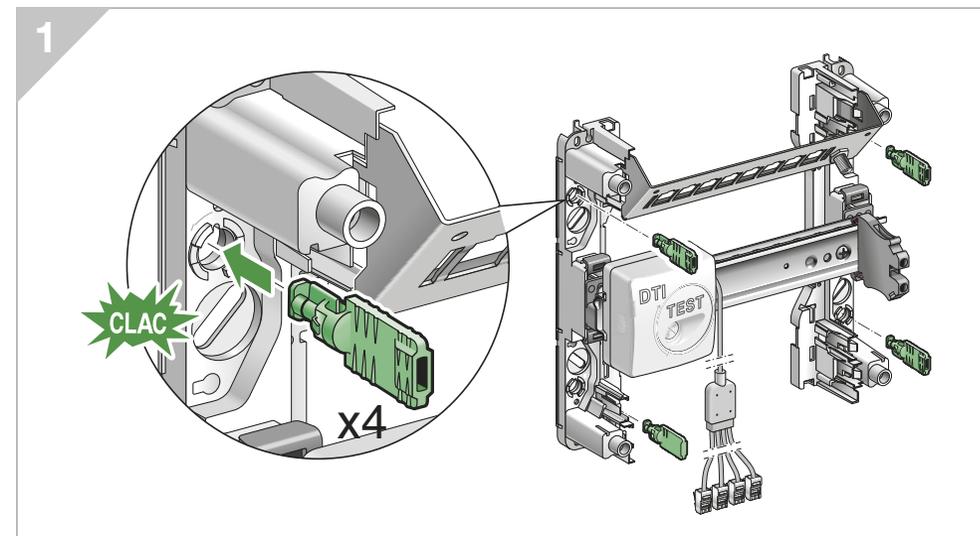
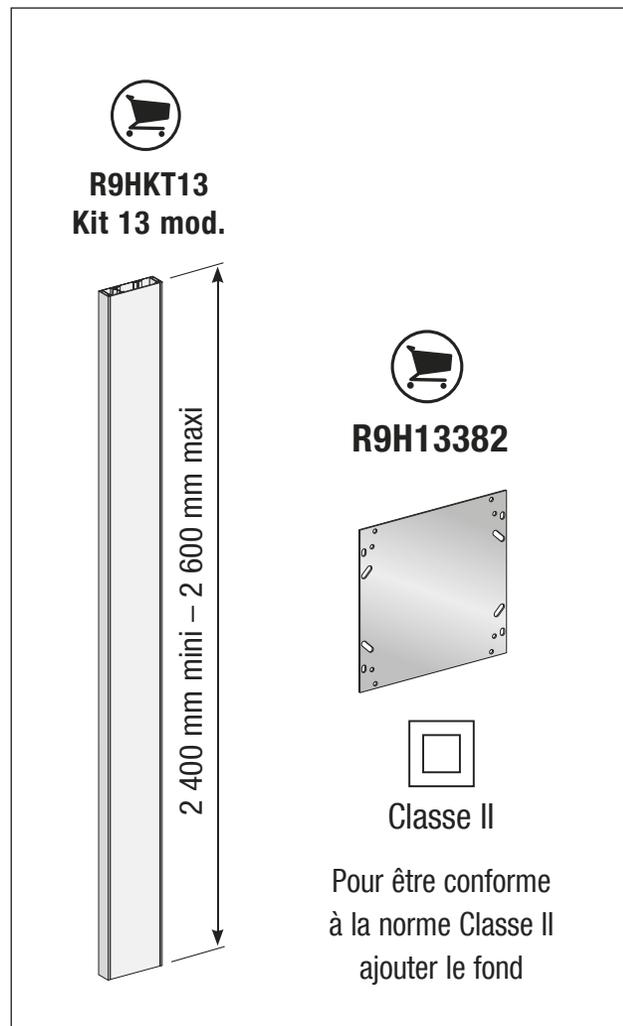
x1

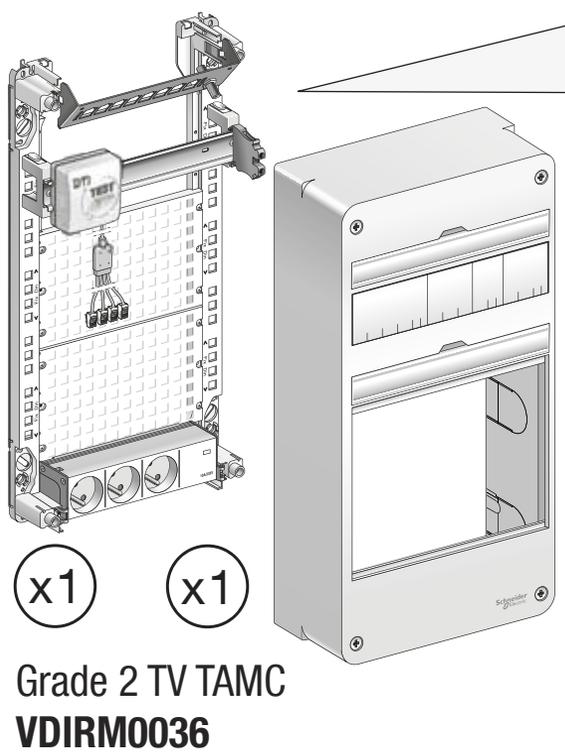


- TC** Tableau de communication
- TR** Tableau de répartition
- PC** Panneau de contrôle



- TC** Tableau de communication
- TR** Tableau de répartition
- PC** Panneau de contrôle





Panneau de brassage  
8 ports  
**x1**

Traversée  
connecteur type F

Strap de mise  
à la terre **x1**

Fixation de box  
(L = 300 mm)  
**x1**

Connecteur  
keystone Cat 6  
**x4**

Kit fixation quart de  
tour et juxtaposition  
**x1**

DTI avec cordons  
1 vers 4 plug RJ45  
**x1**

Obturbateur 5 modules  
pour coiffe  
**x3**

Fix DIN  
**x1**

Bloc 3 PC+T précâblé  
**x1**

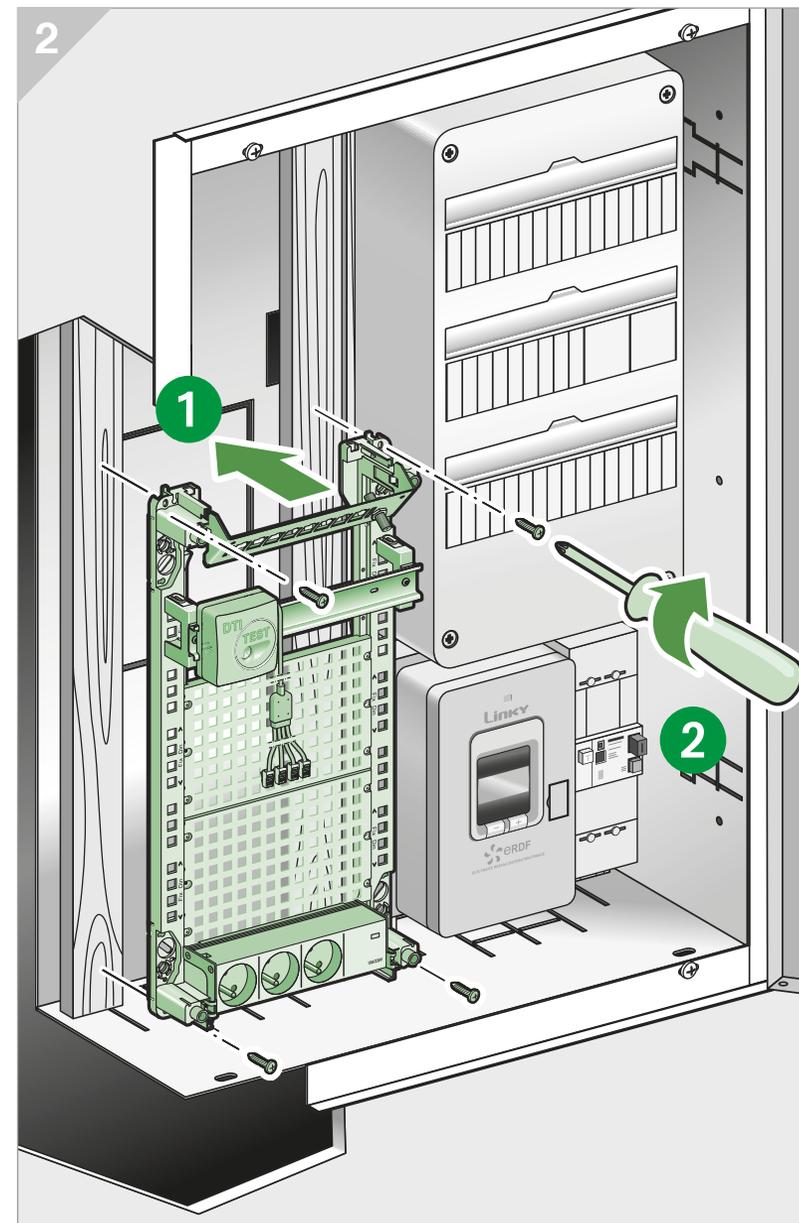
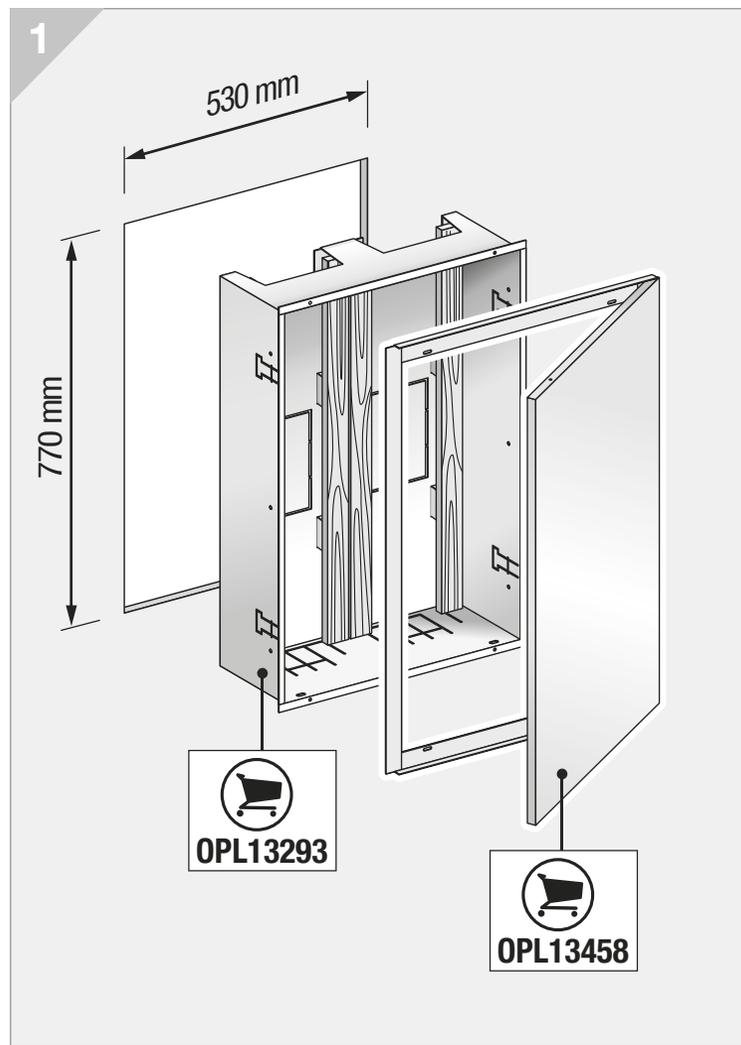
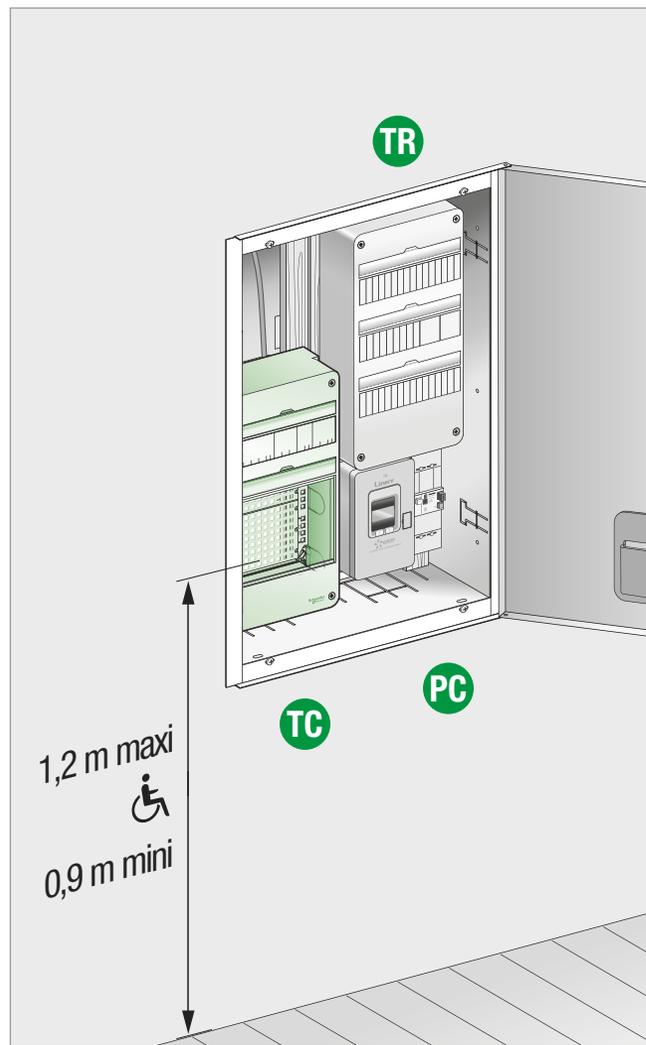
Demi-cordon RJ11  
**x1**

 Connecteur  
keystone Cat 6  
**x1**

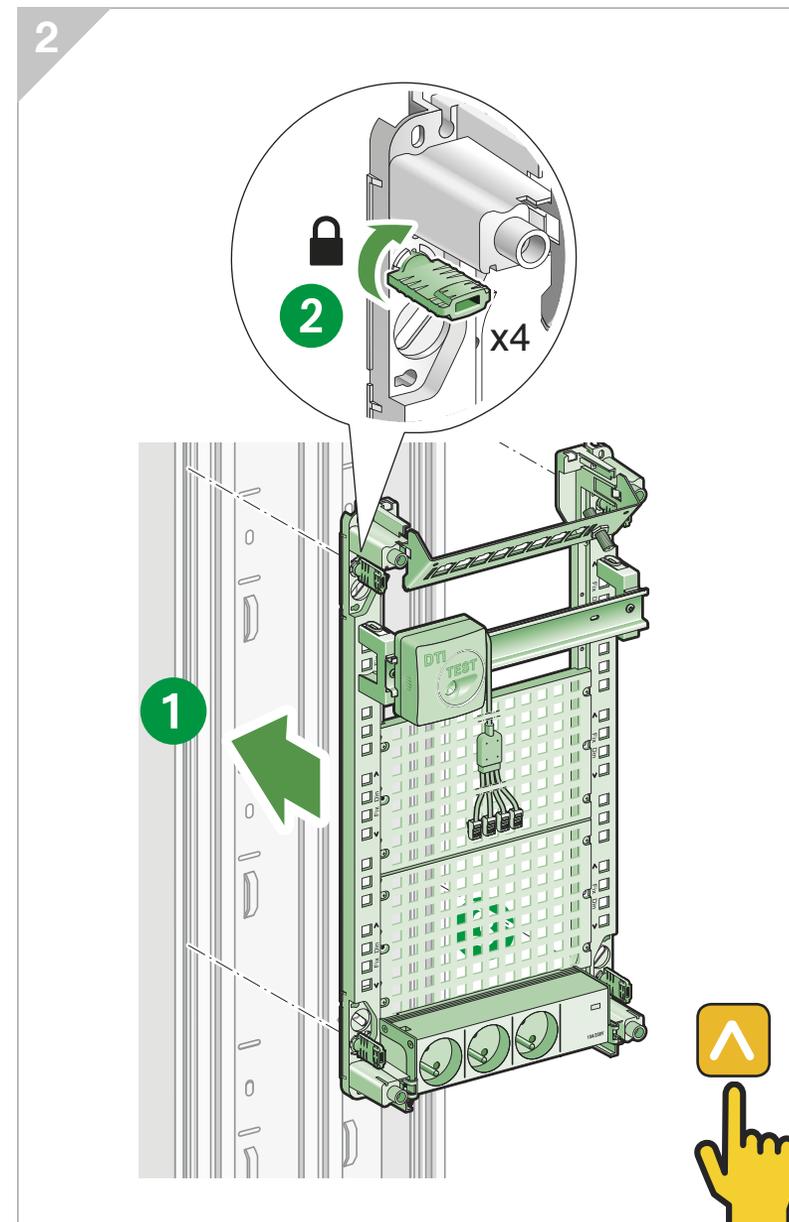
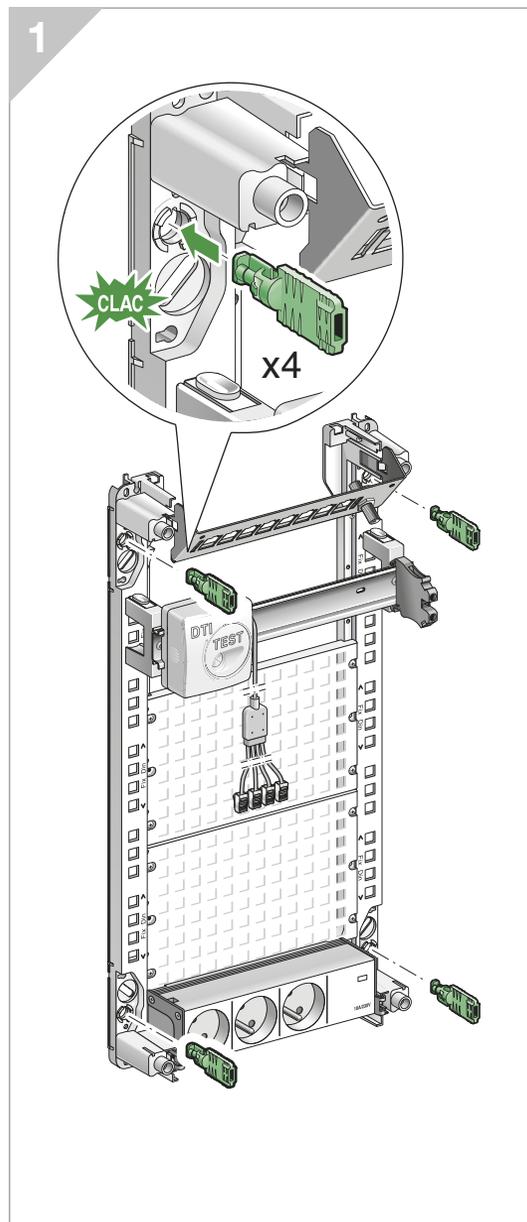
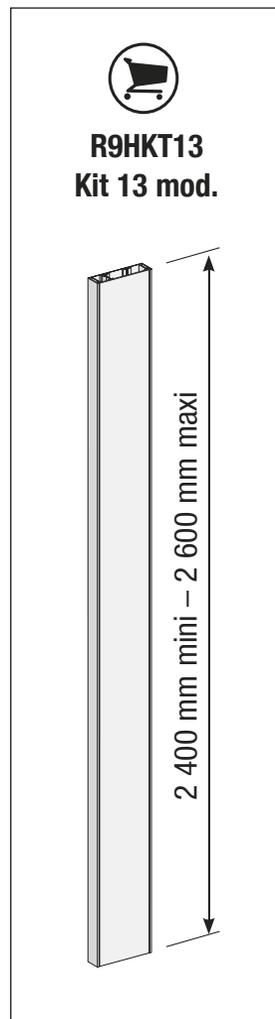
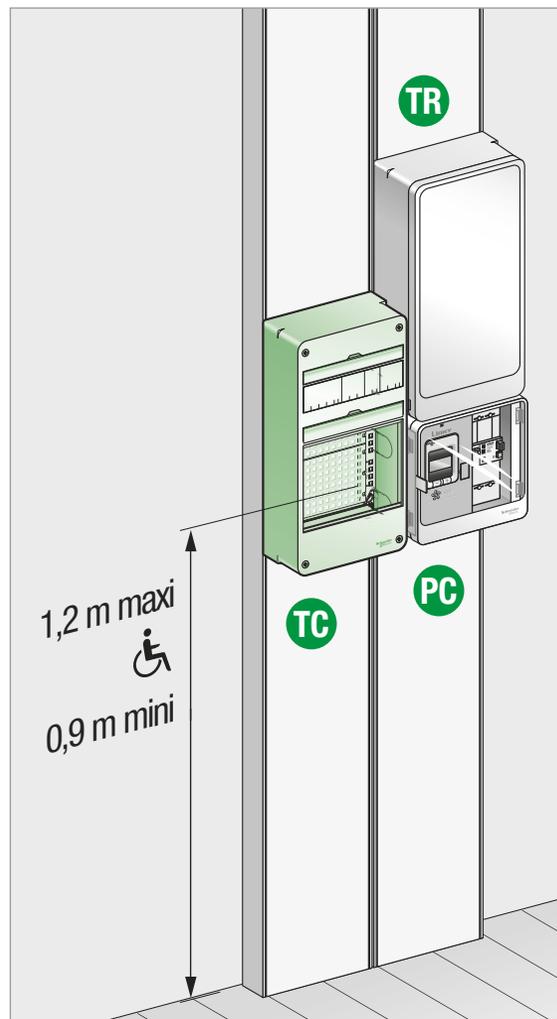
 Répartiteur télévision  
avec support rail DIN  
**x1**

 Cordon pour télévision  
**x1**

DTIO  
Implanté par le fournisseur  
d'accès internet  
**x1**



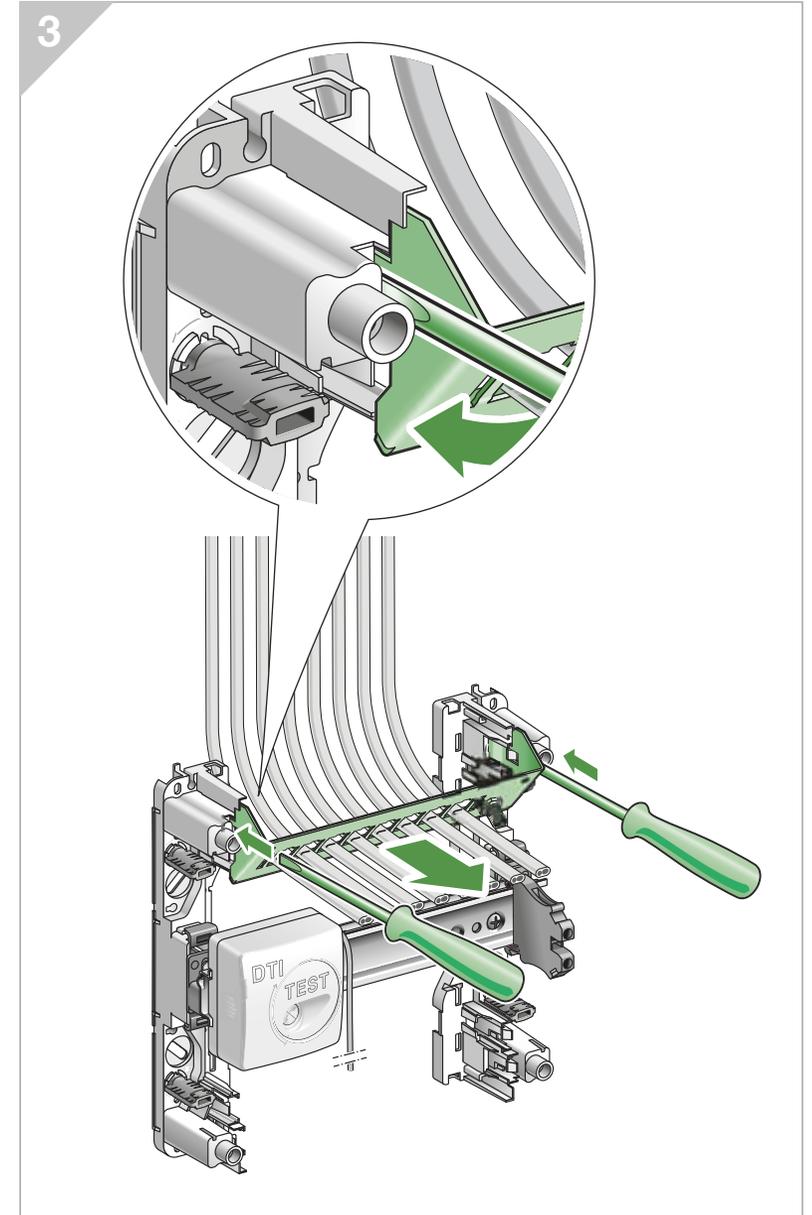
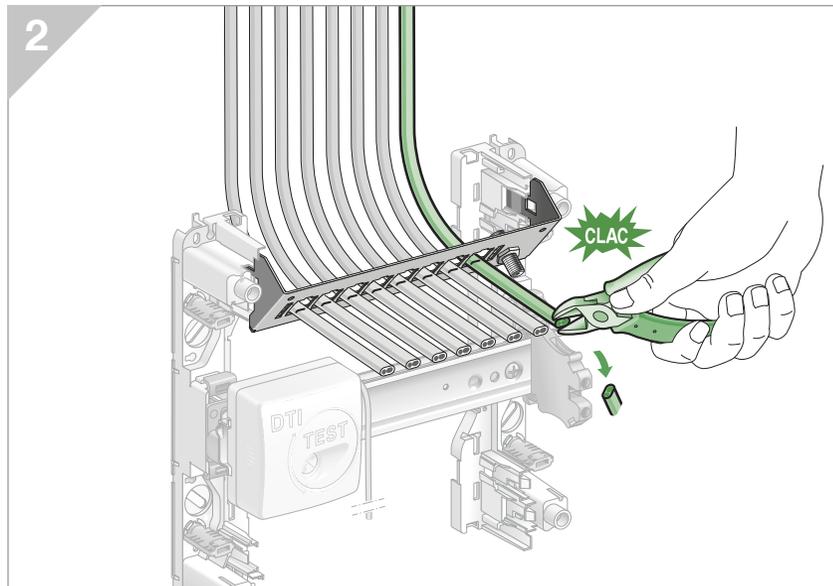
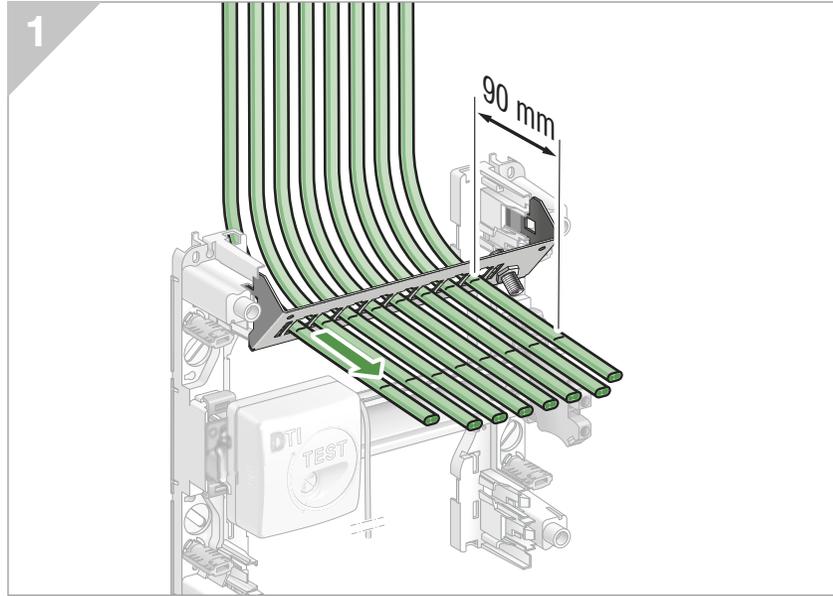
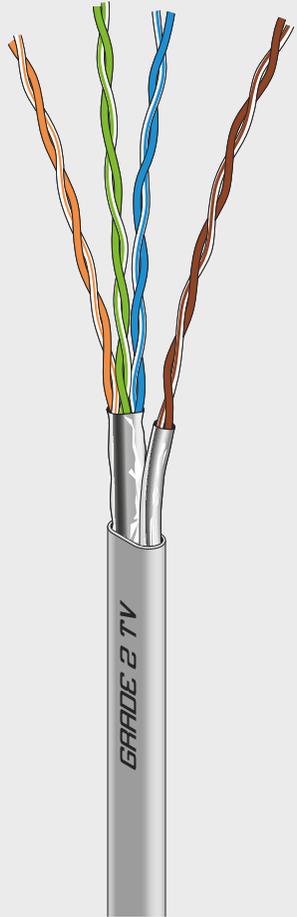
- TC** Tableau de communication
- TR** Tableau de répartition
- PC** Panneau de contrôle

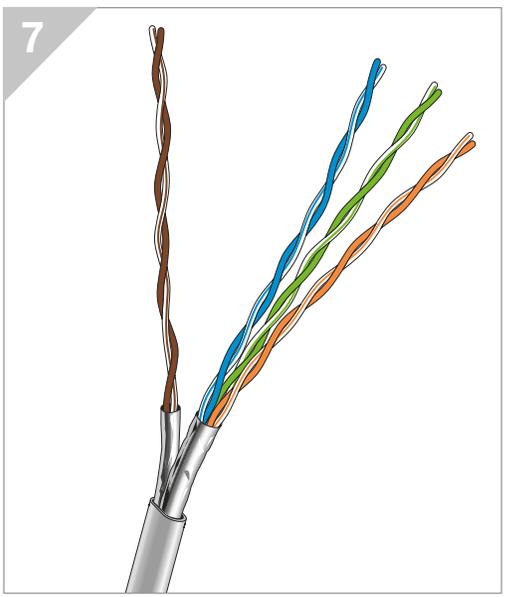
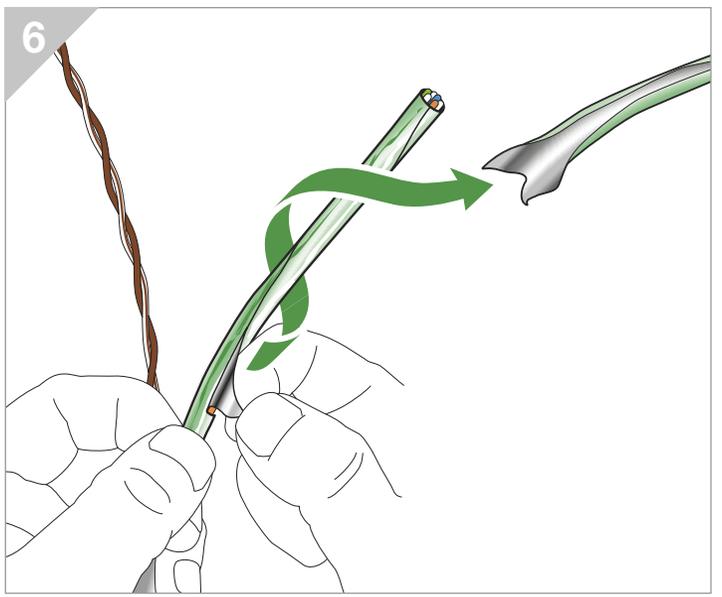
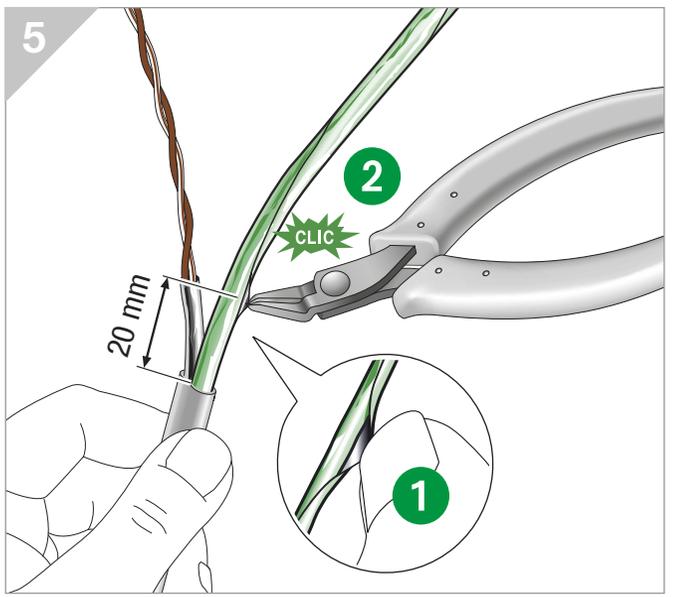
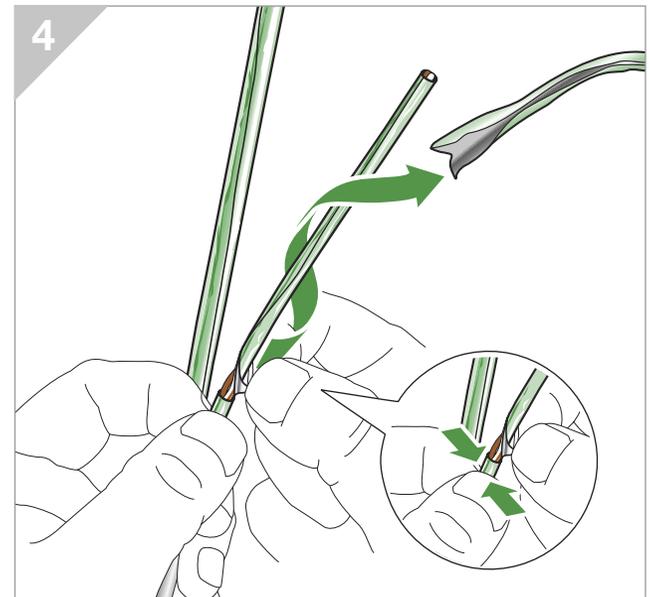
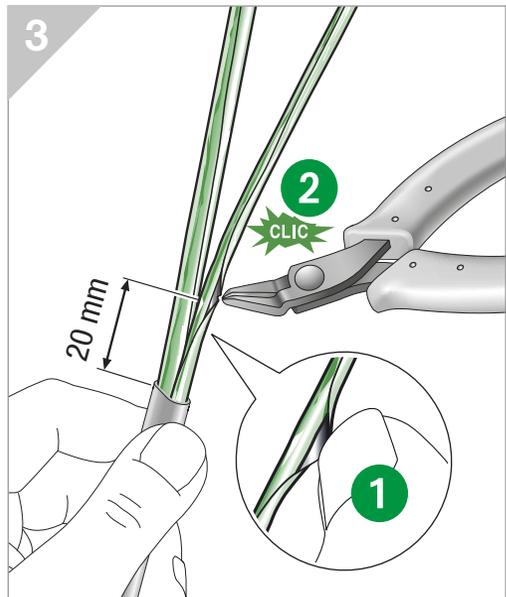
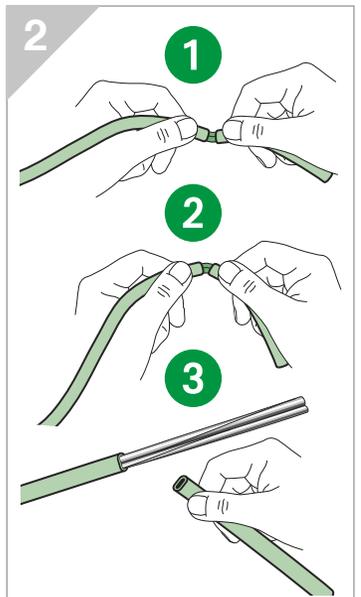
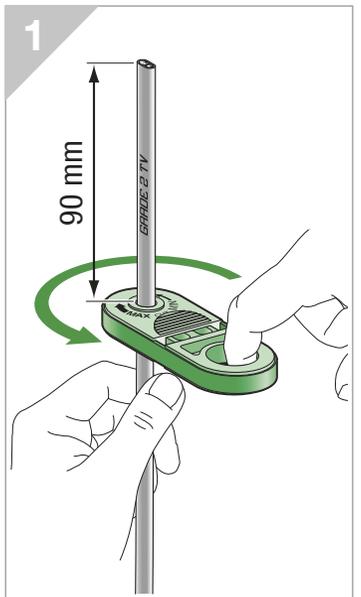
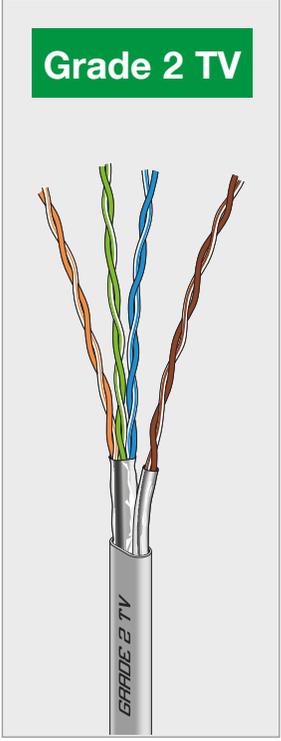


- TC Tableau de communication
- TR Tableau de répartition
- PC Panneau de contrôle

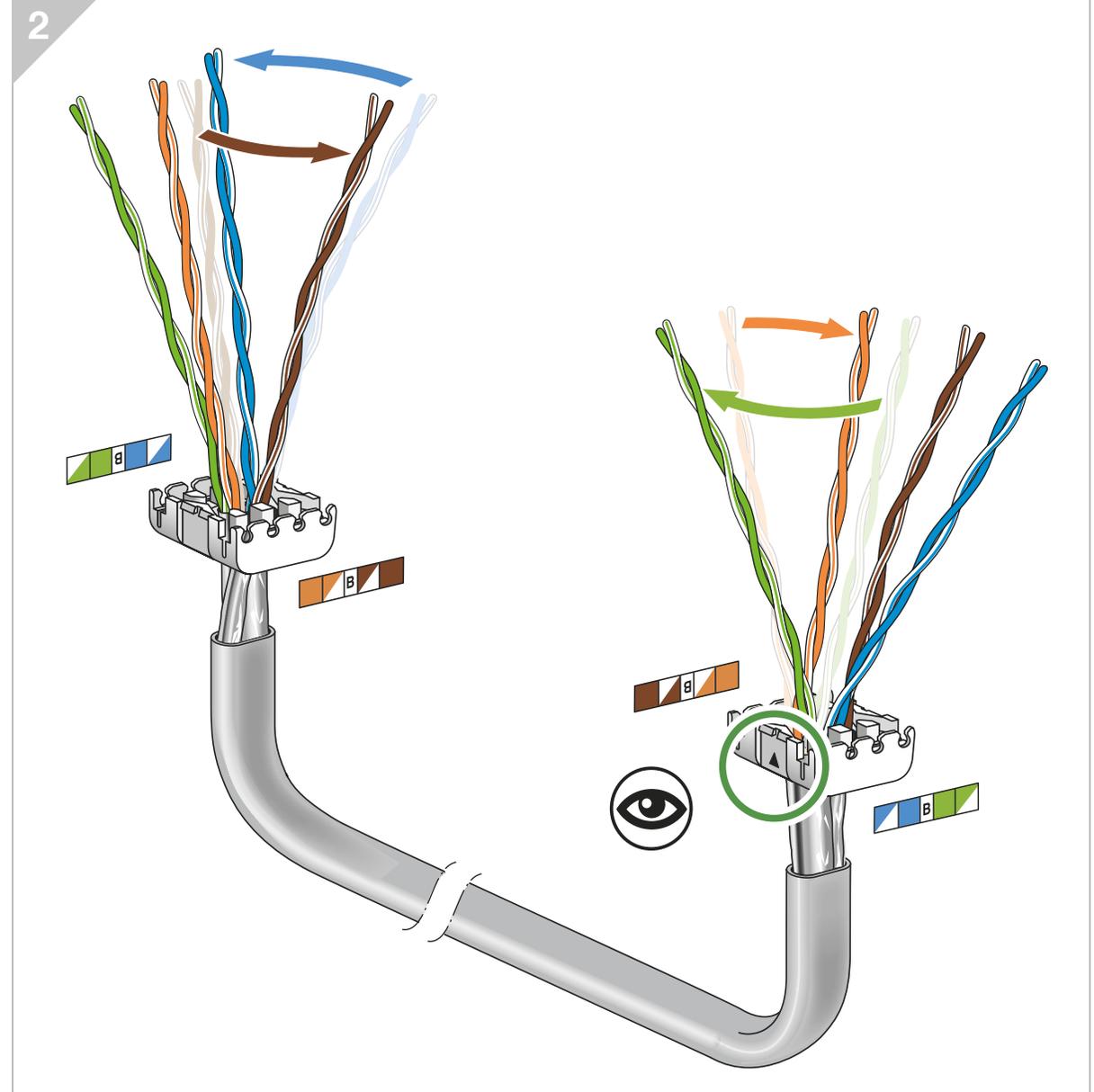
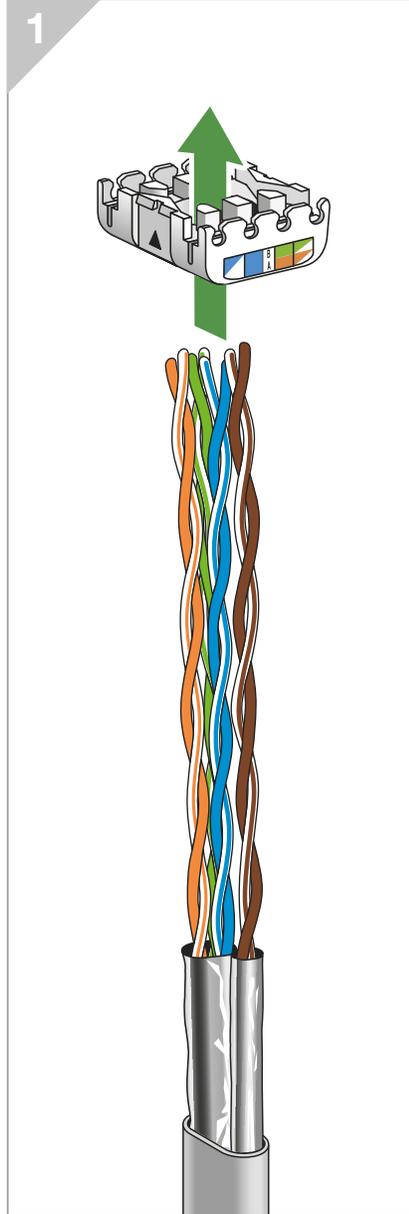
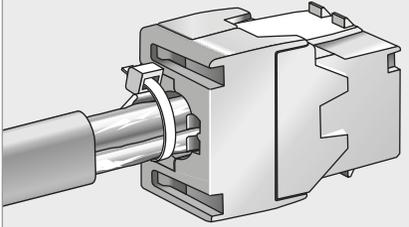
Préparation du câble

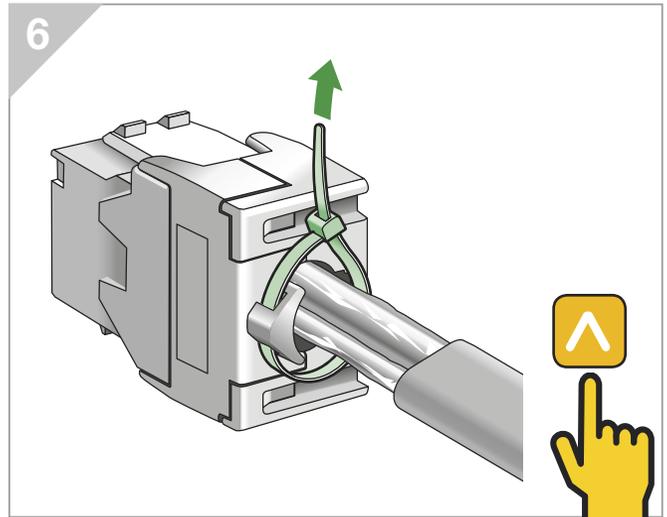
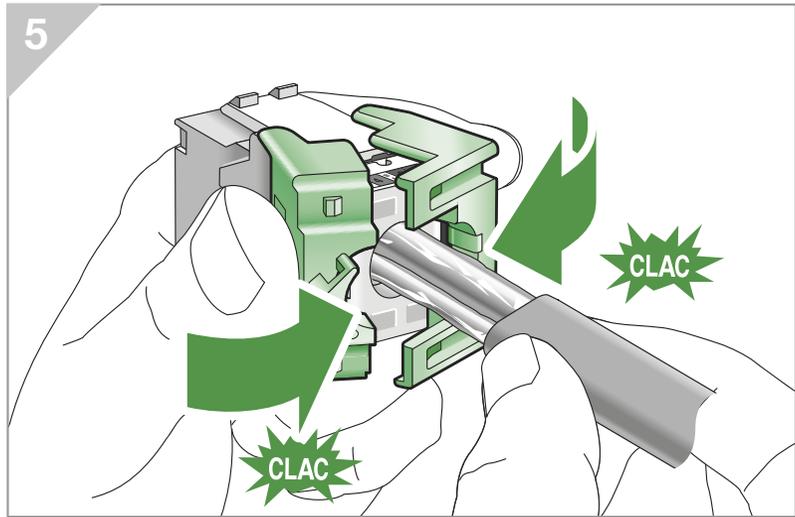
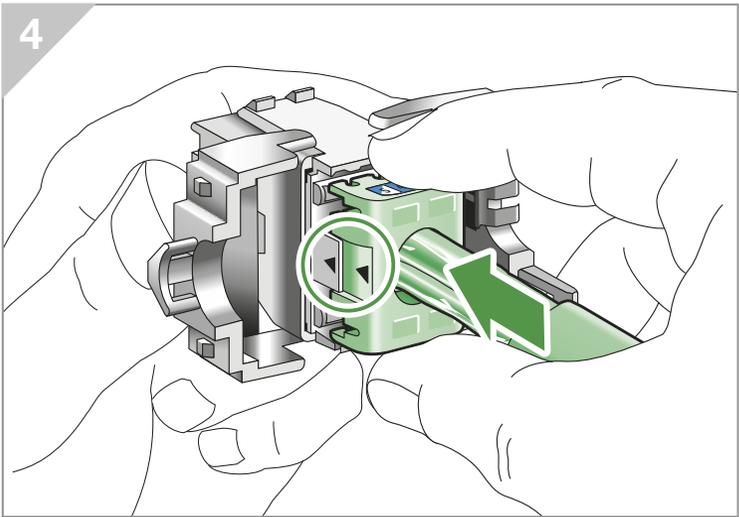
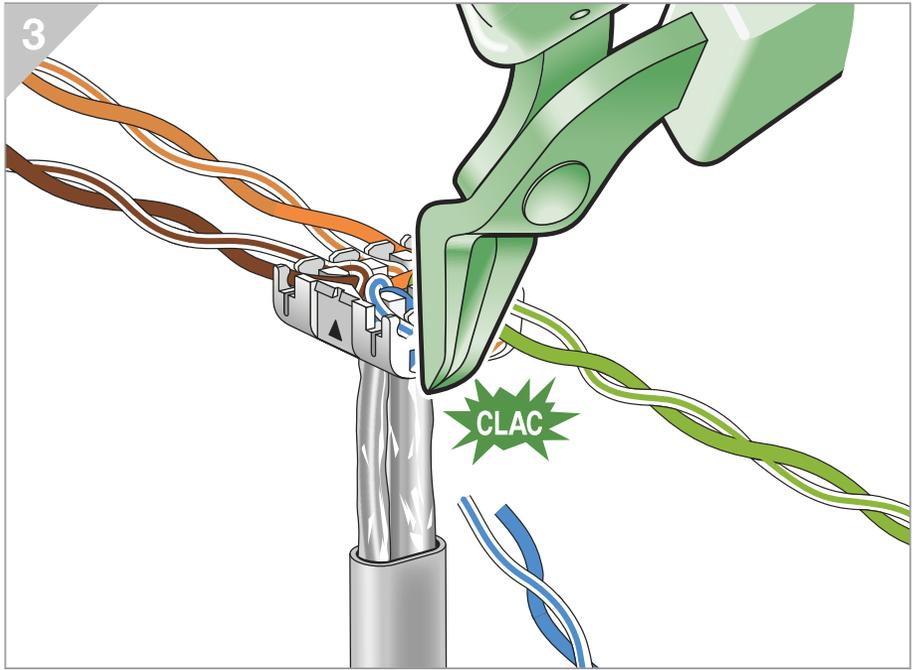
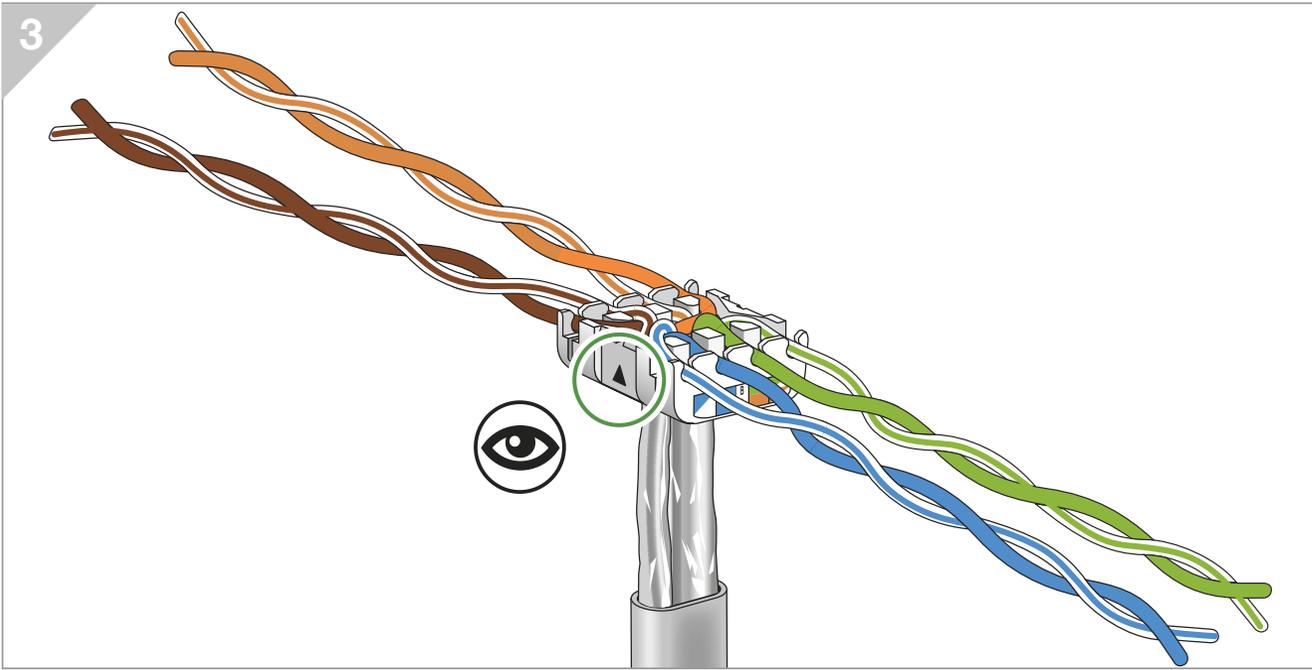
Grade 2TV





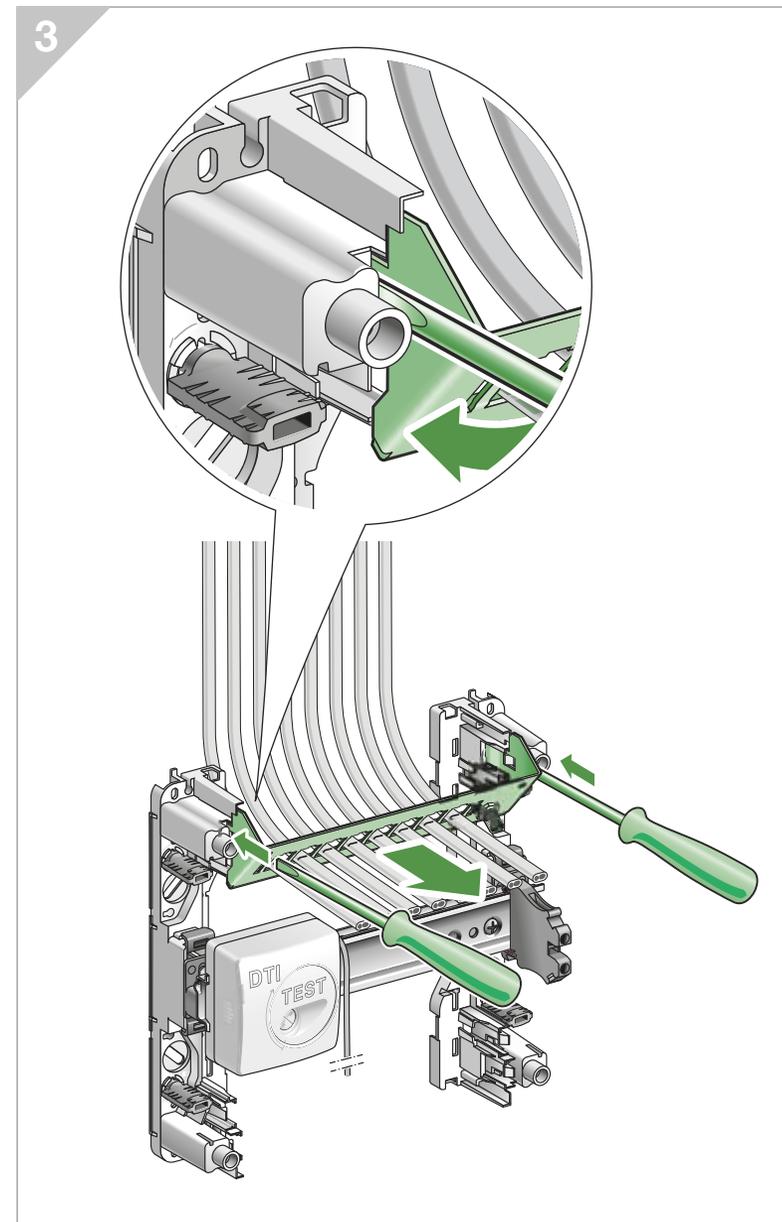
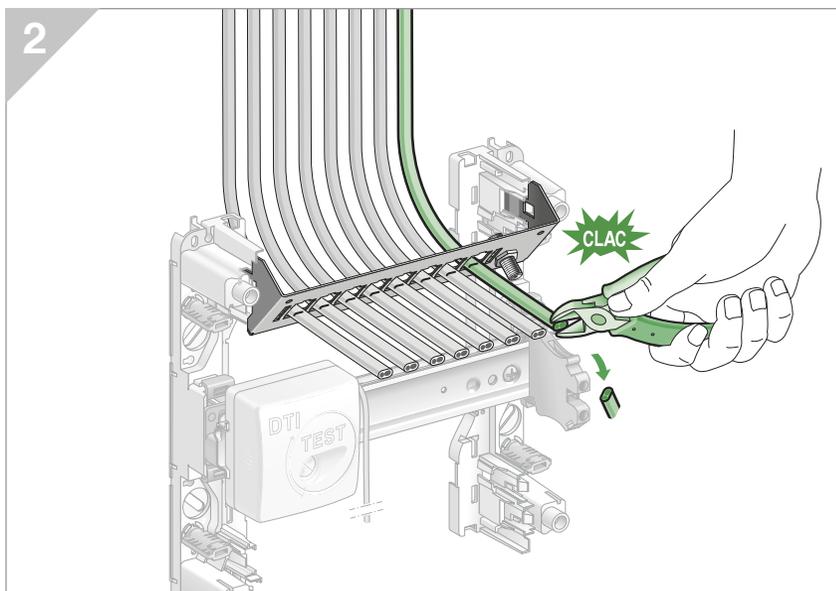
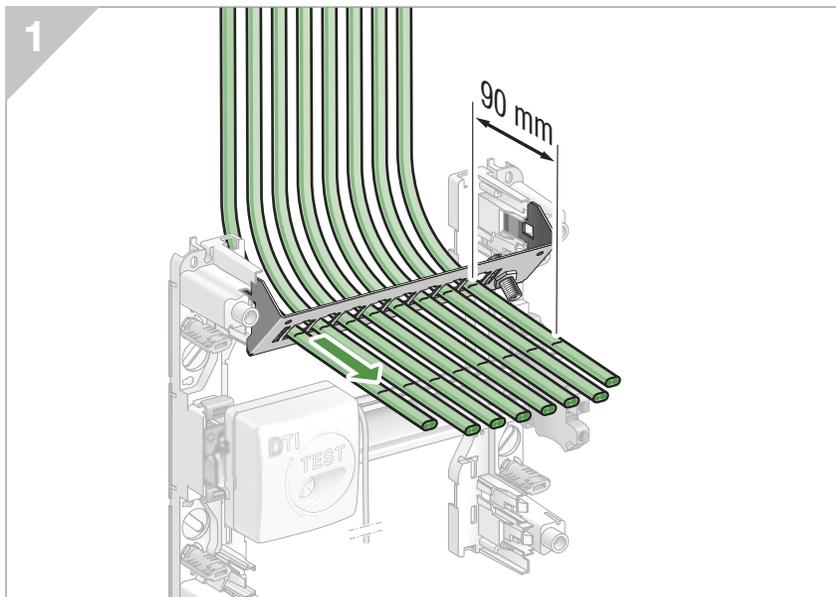
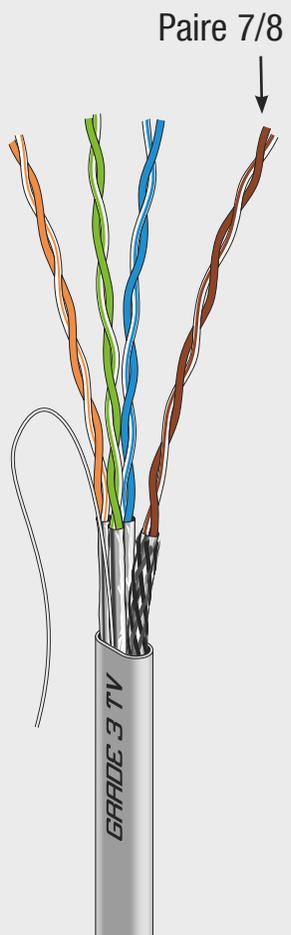
Raccordement au connecteur

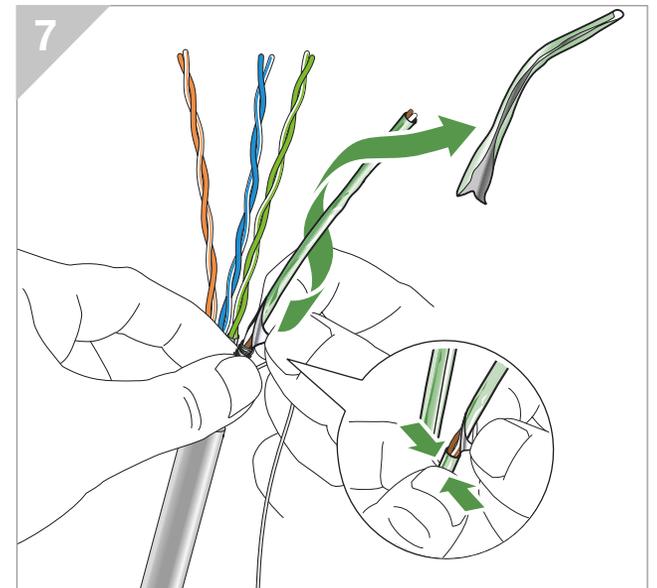
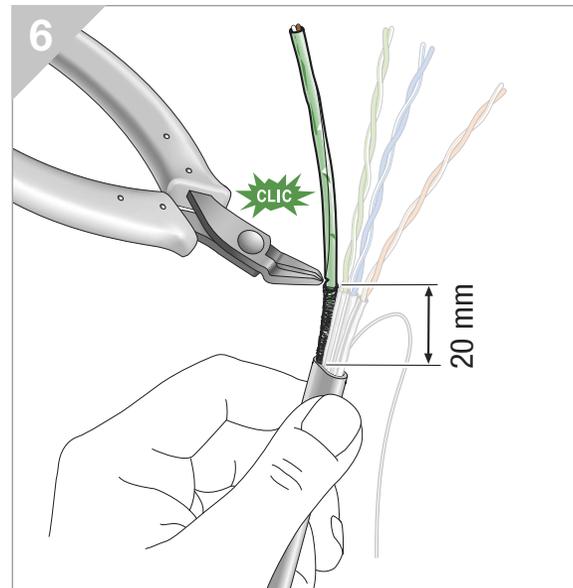
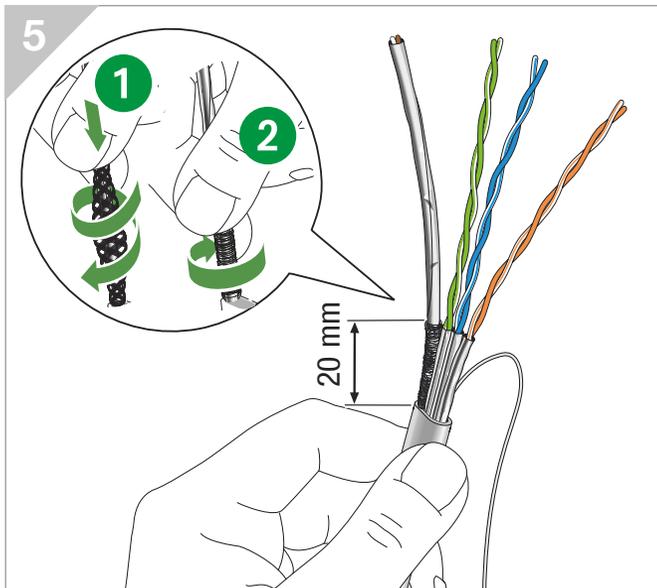
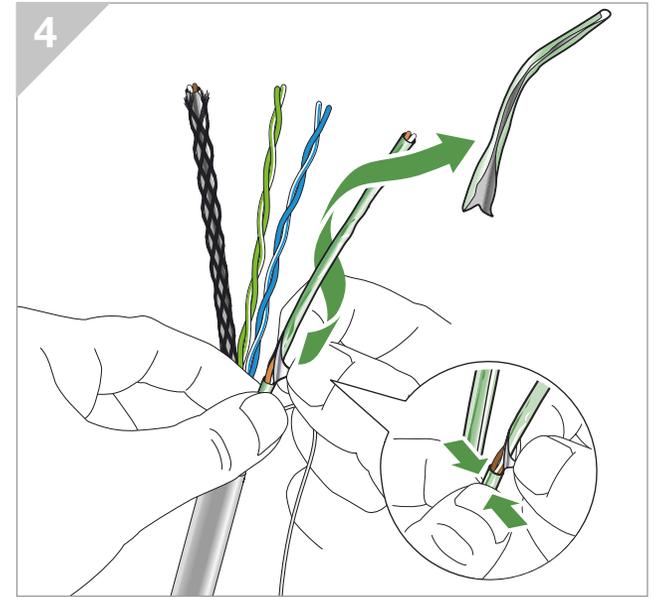
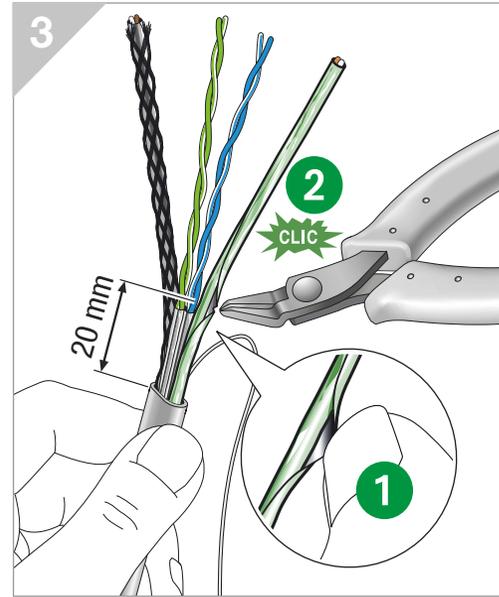
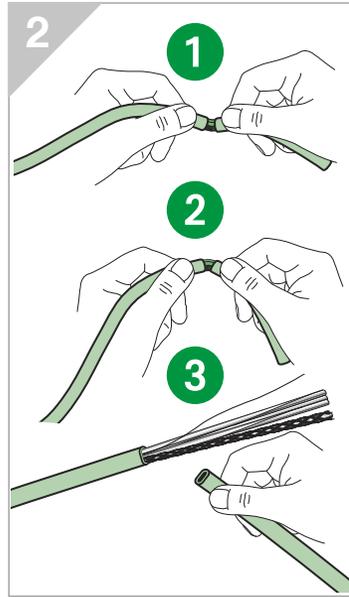
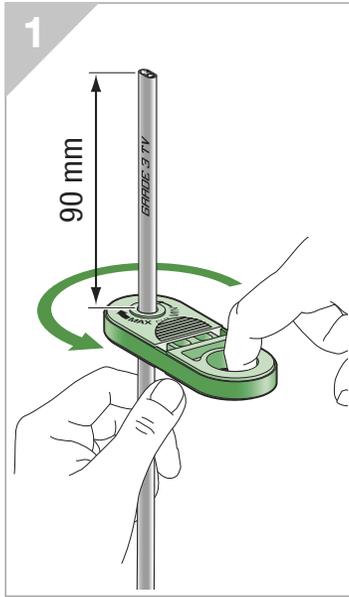
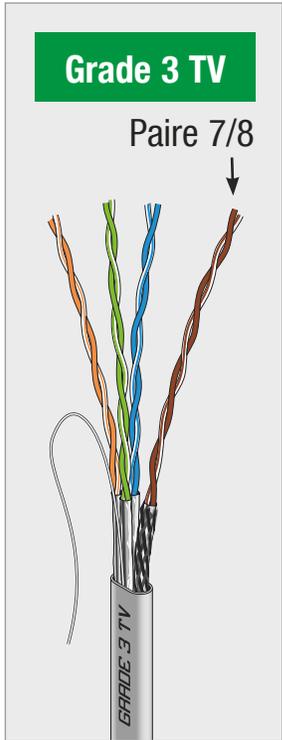


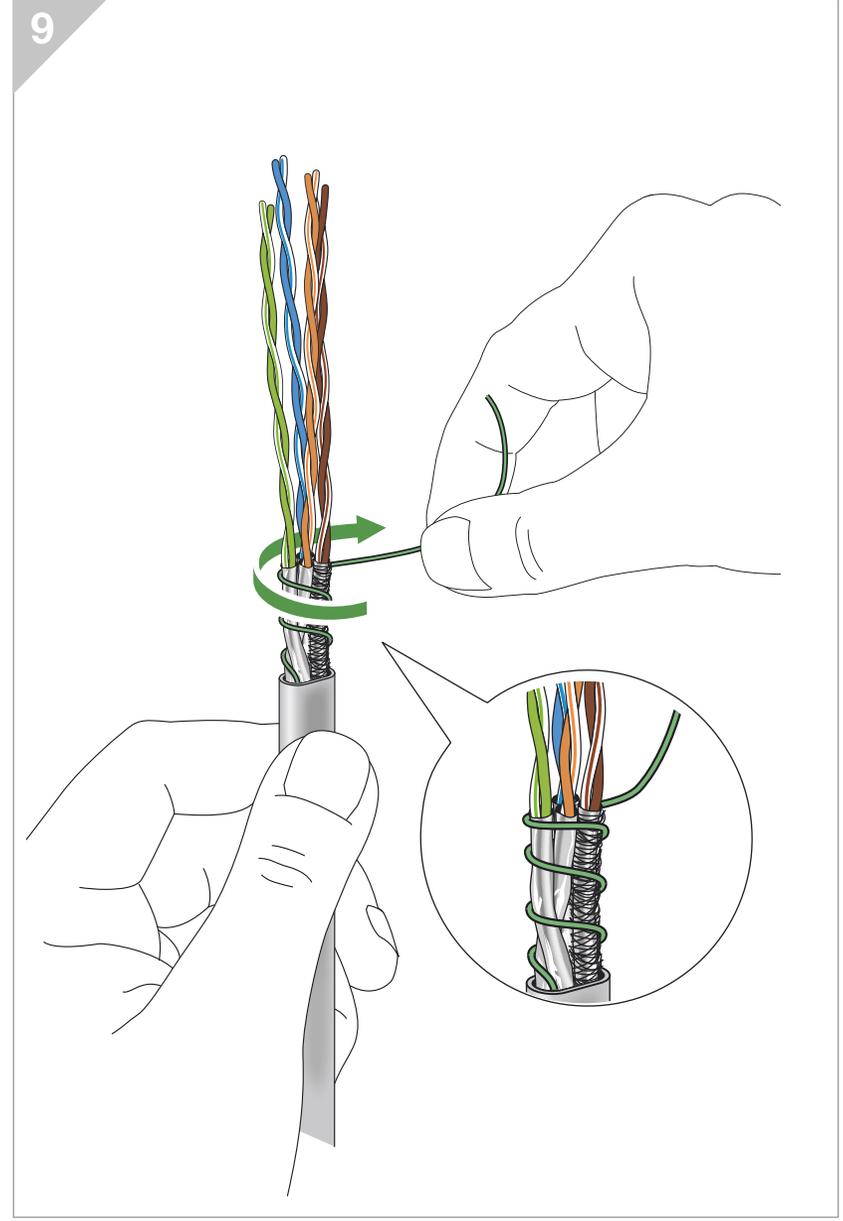
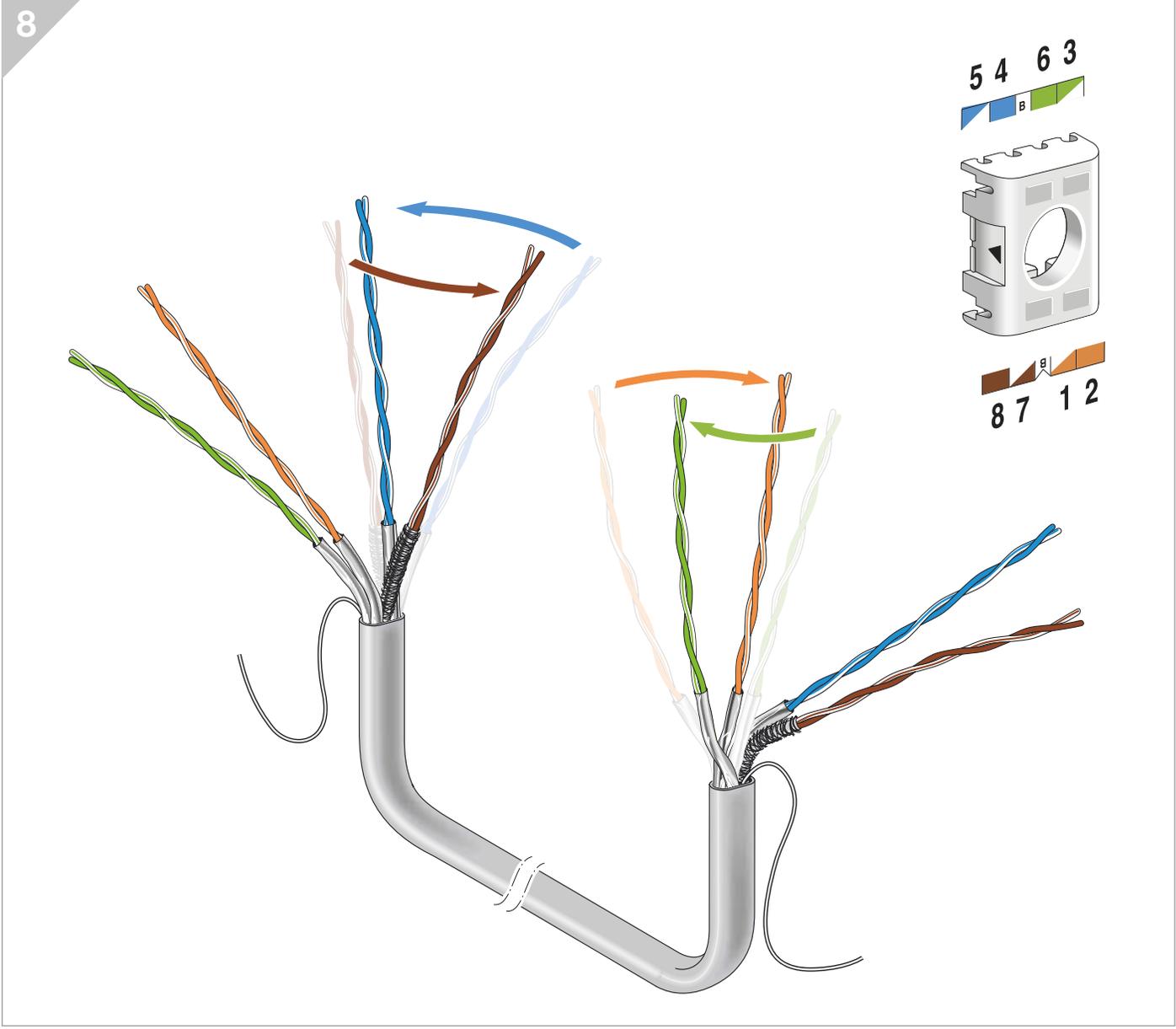


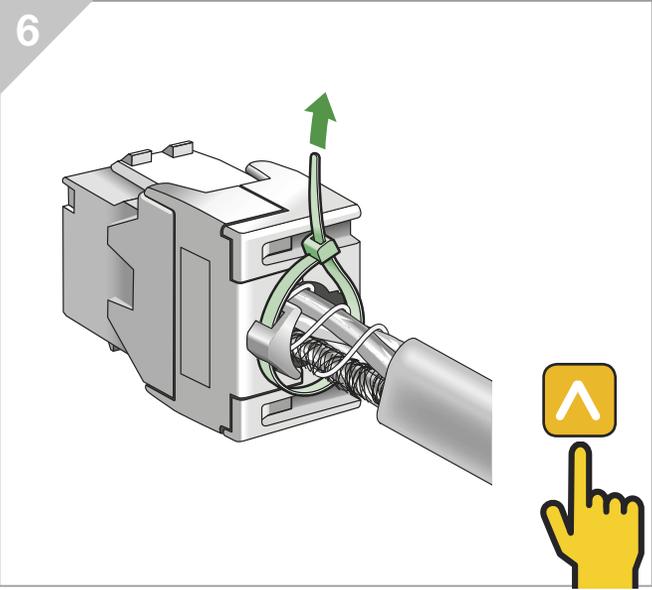
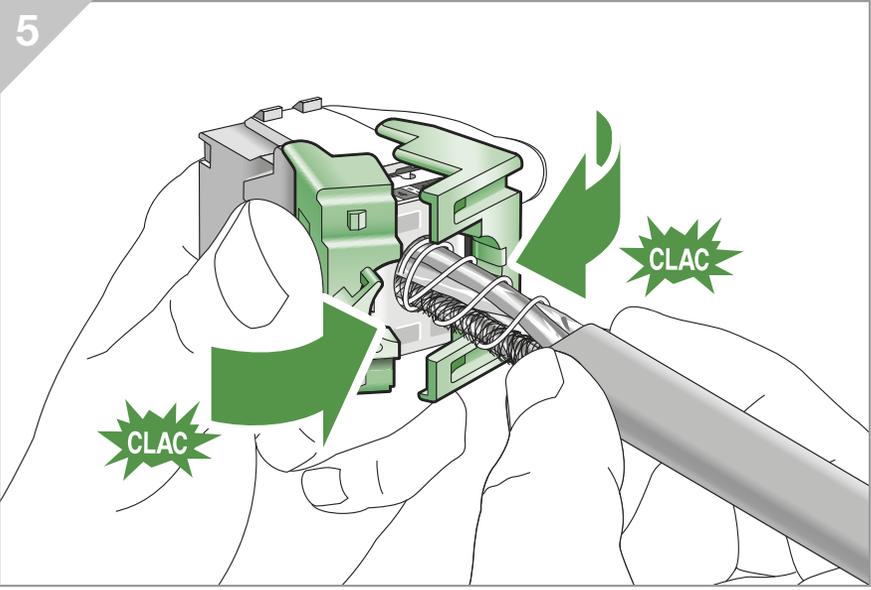
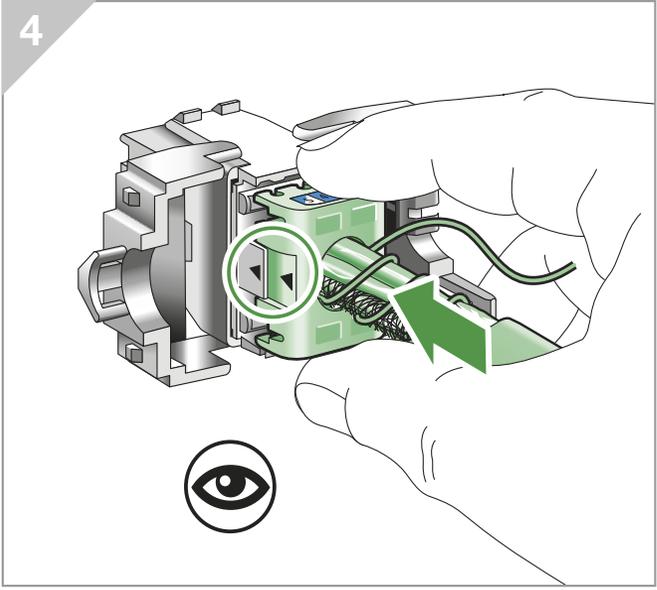
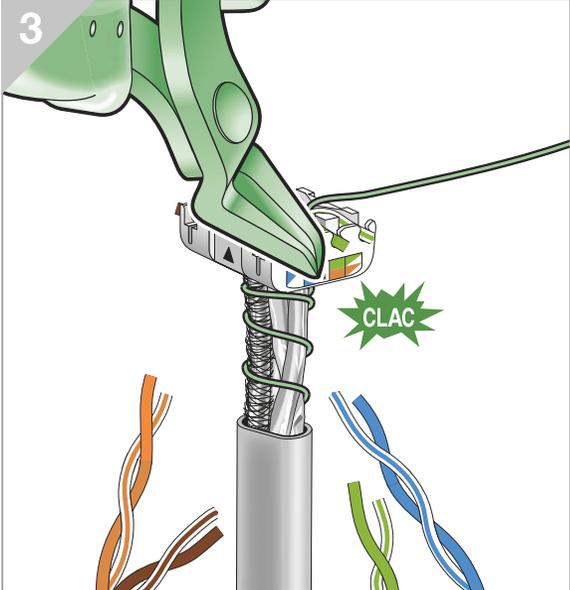
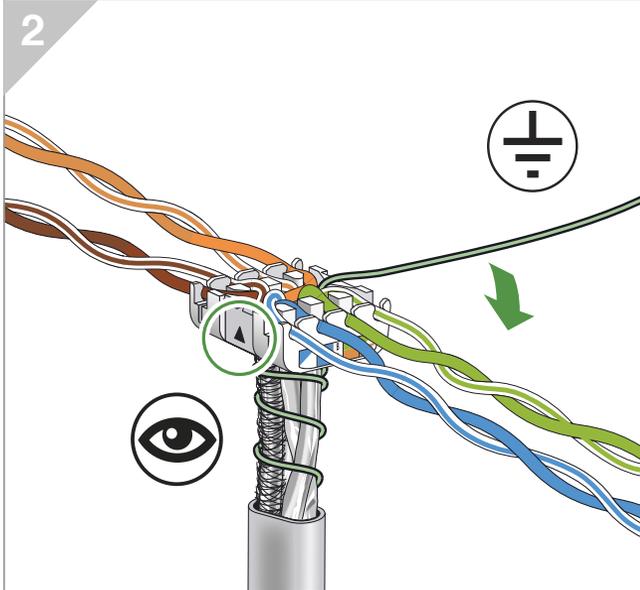
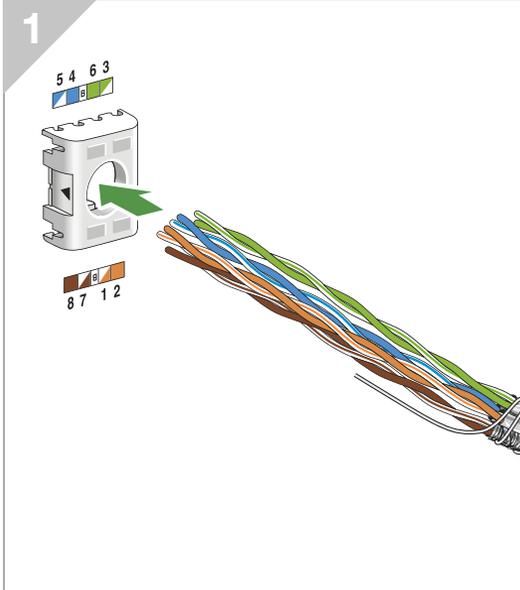
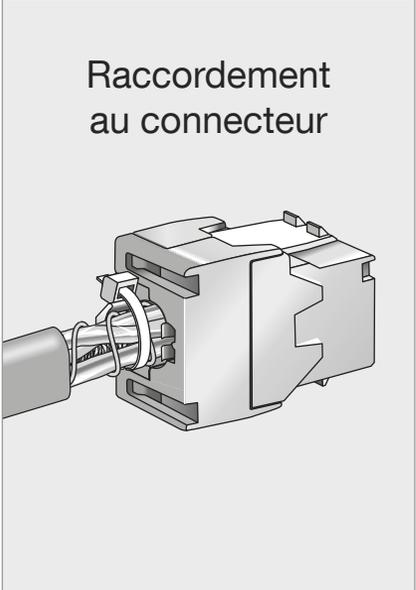
Préparation du câble

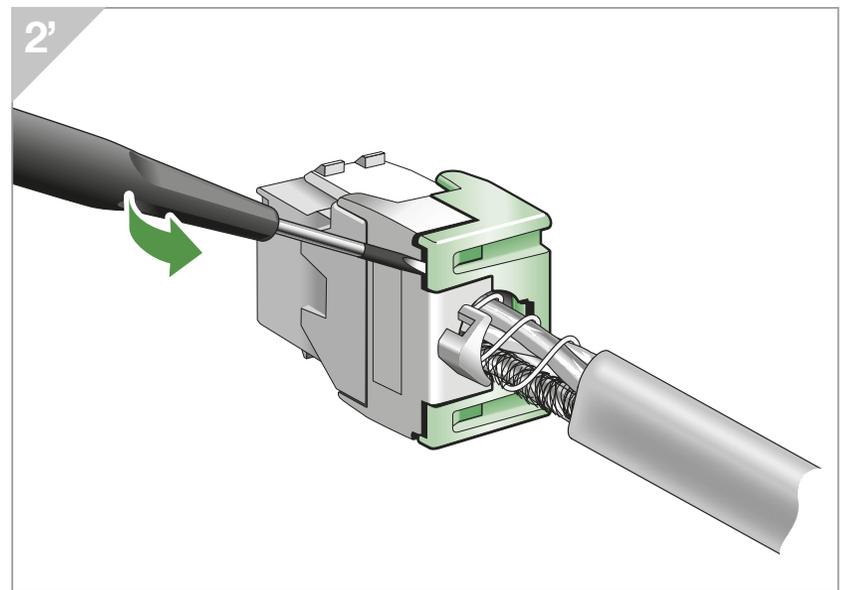
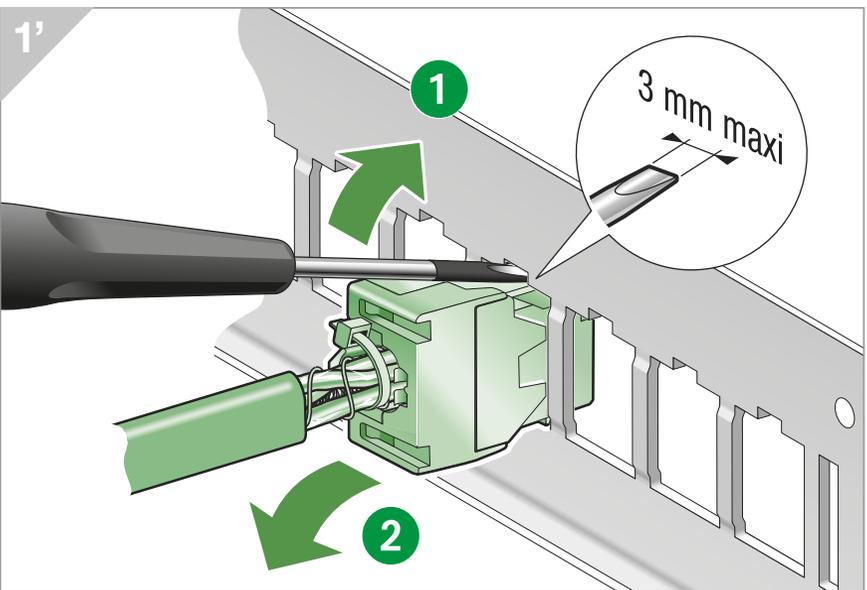
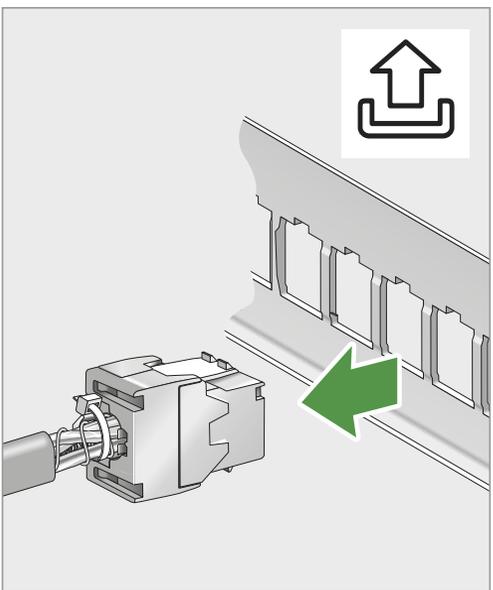
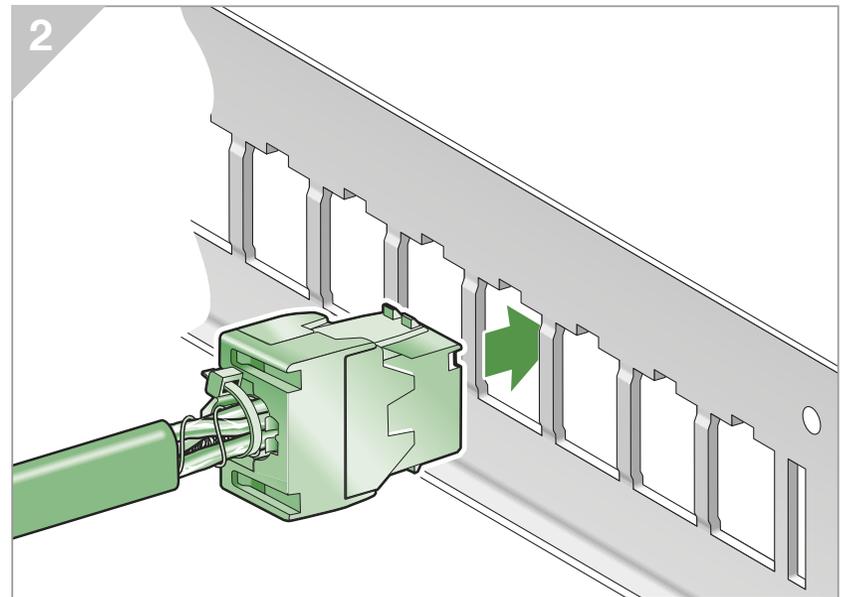
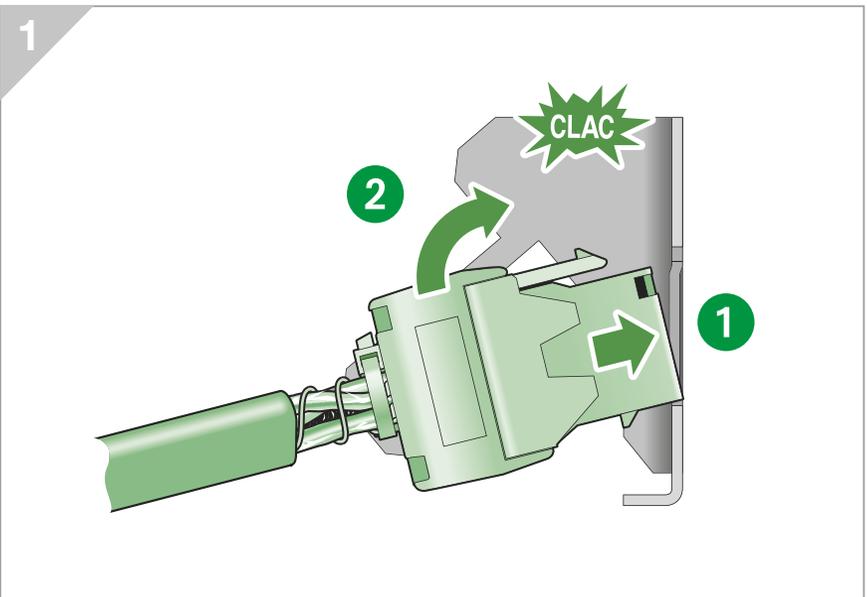
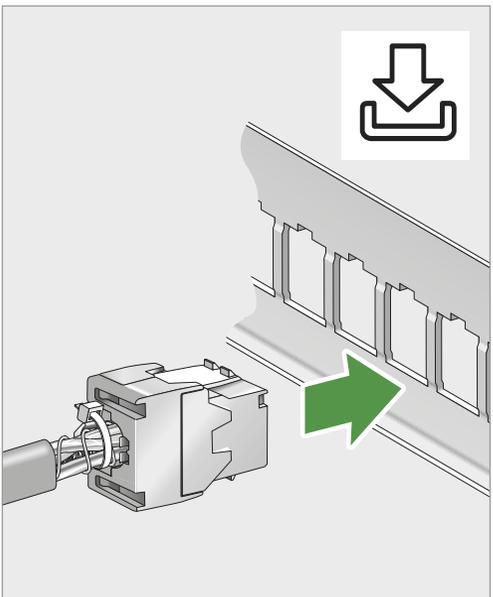
Grade 3TV

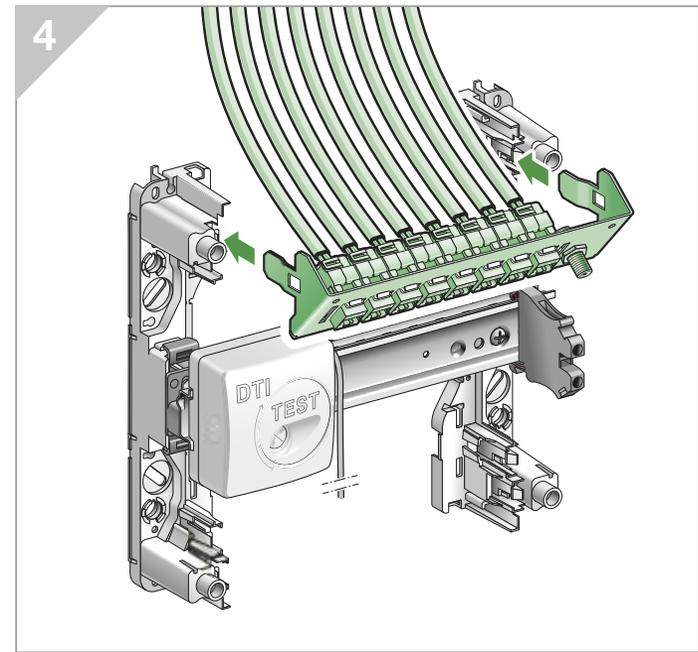
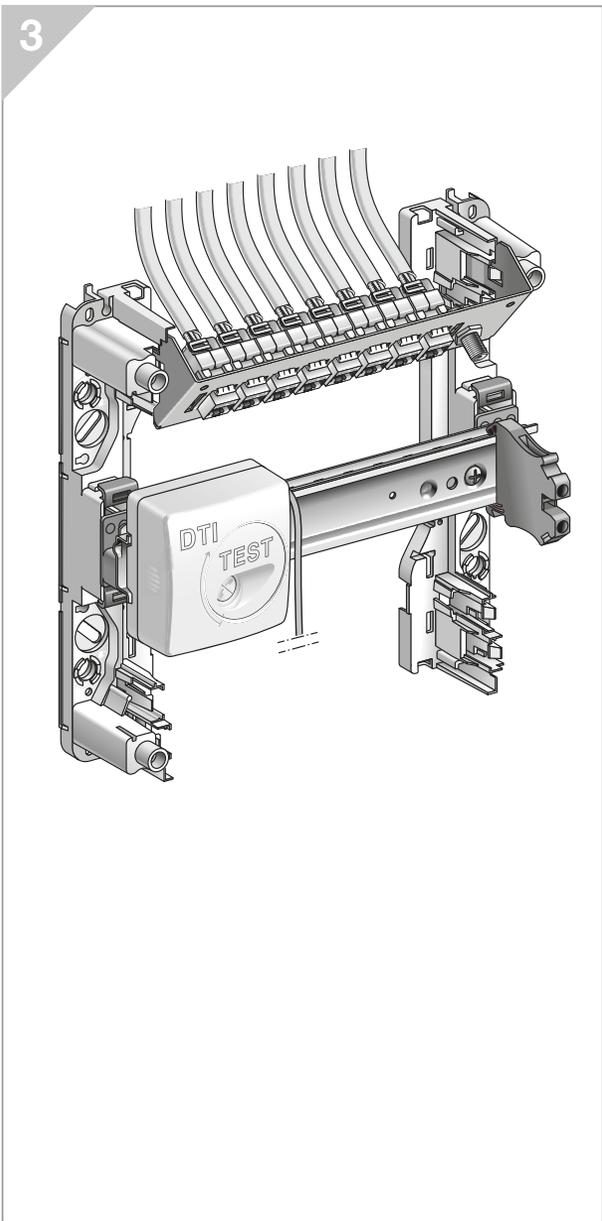








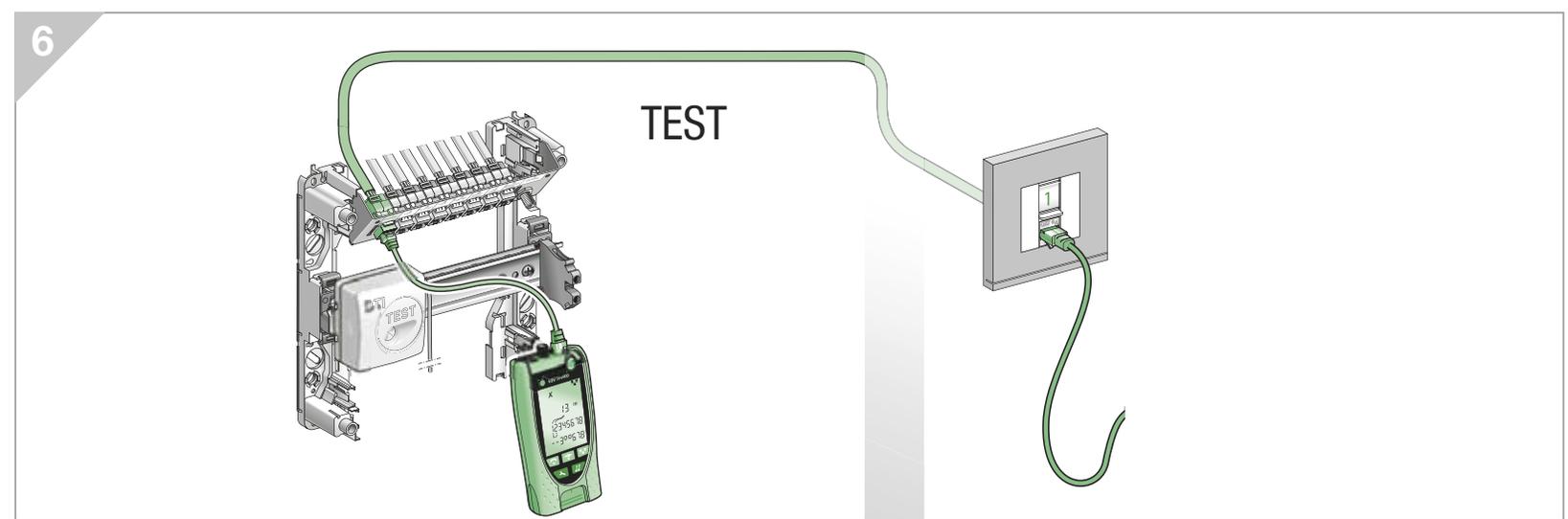


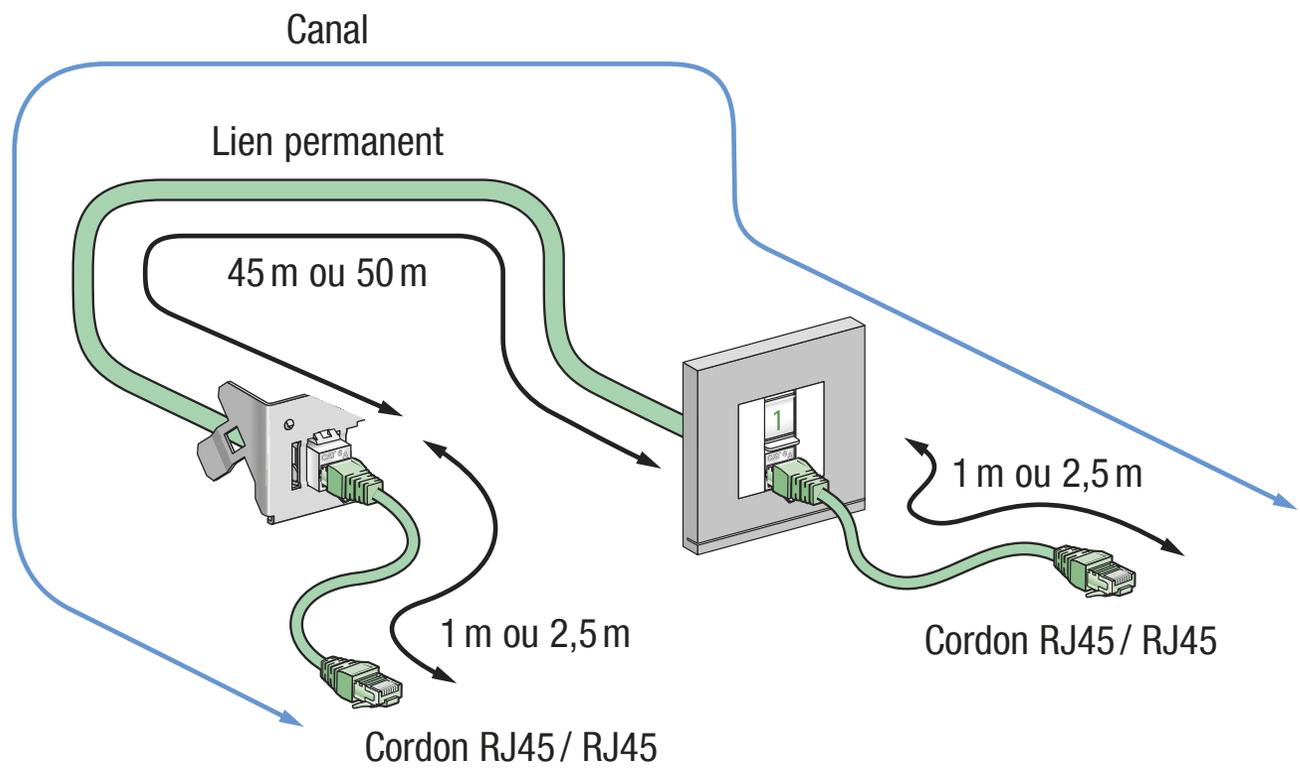


5

### Étiquette d'identification des ports

15 mm	1	2	3	4	5	6	7	8	9
	cuisine	ch 2	TV salon	ch 3	dégagt	vidéo salon	tél. salon	éthernet salon	TV
	18 mm			167 mm				23 mm	





Les liaisons Grade 2TV et Grade 3TV déployées doivent être faites dans les limites suivantes :

**Applications ICT**

- Lien Permanent 45 m
- Canal : 50 m (2,5 m + 45 m + 2,5 m)

**Applications BCT-B 2 150 MHz**

(Broadcast sur paires torsadées ex liaison #1)

- Lien permanent 45 m
- Canal : 48,50 m (1 m + 45 m + 2,5 m)

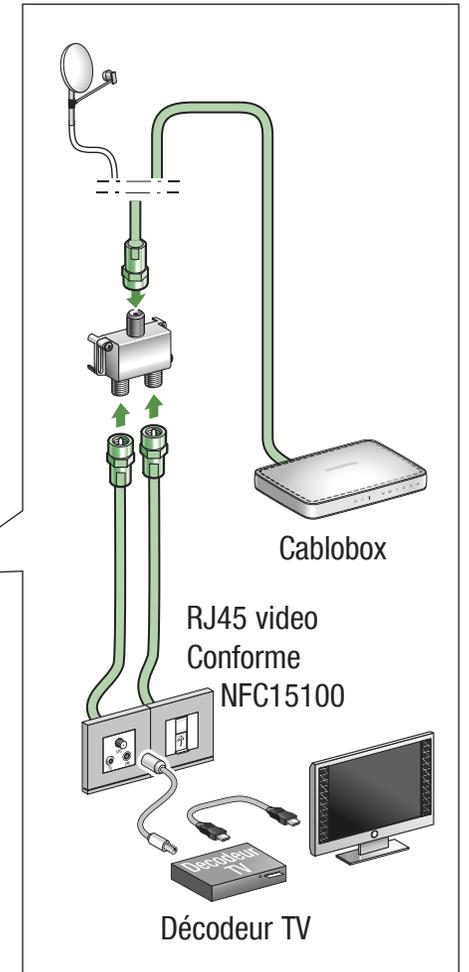
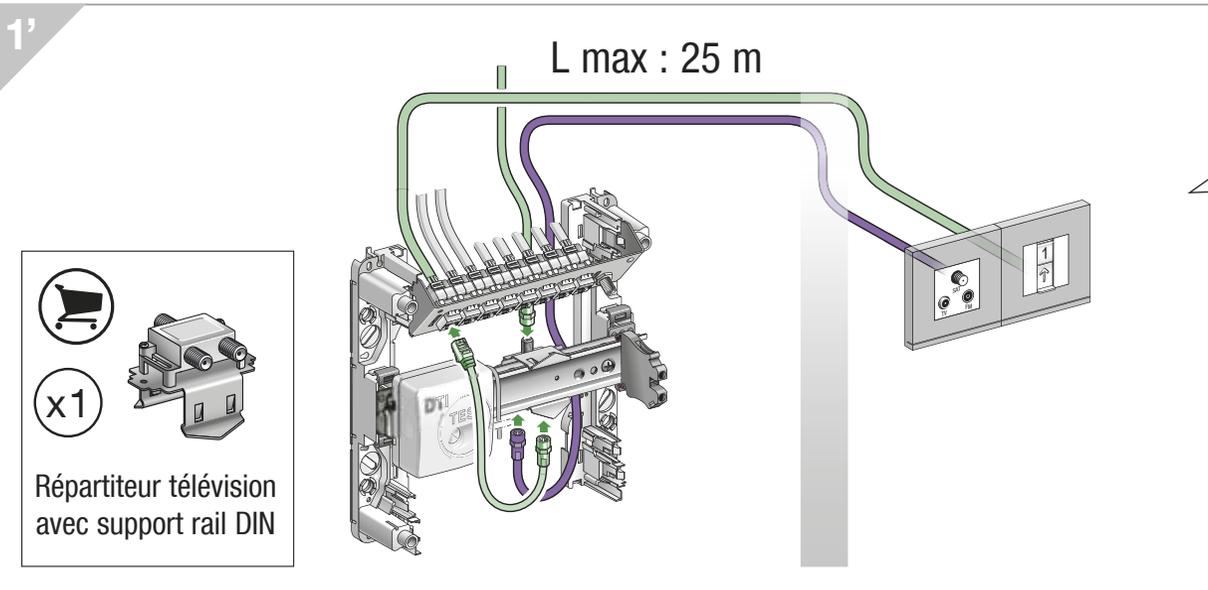
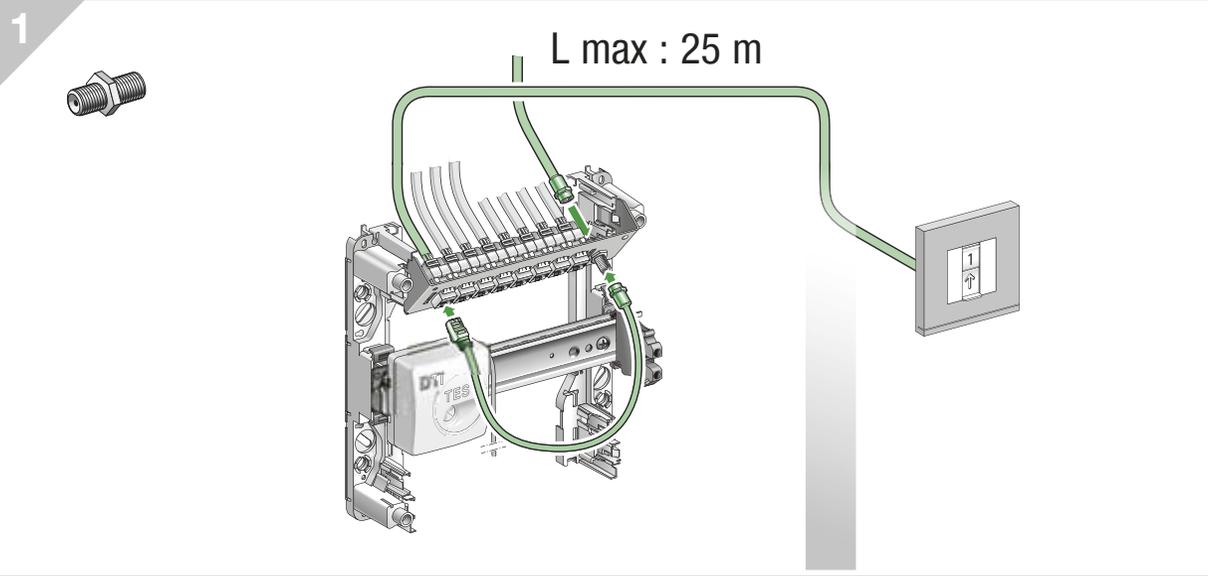
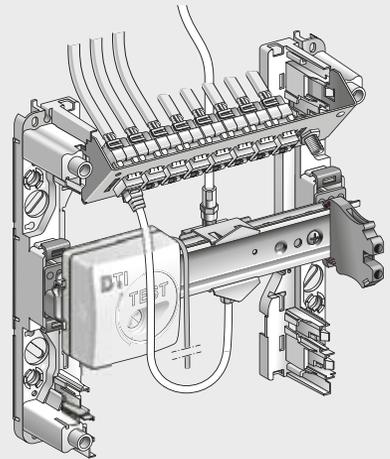
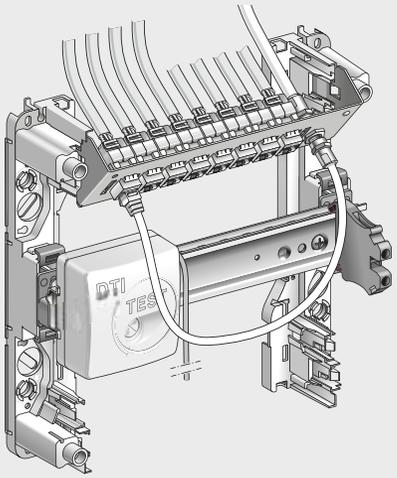
**Niveaux minimaux à la prise terminale**

La norme NF EN 60728-1 précise les exigences au SO (Système Outlet), c'est-à-dire l'extrémité du cordon balun branché sur la TV :

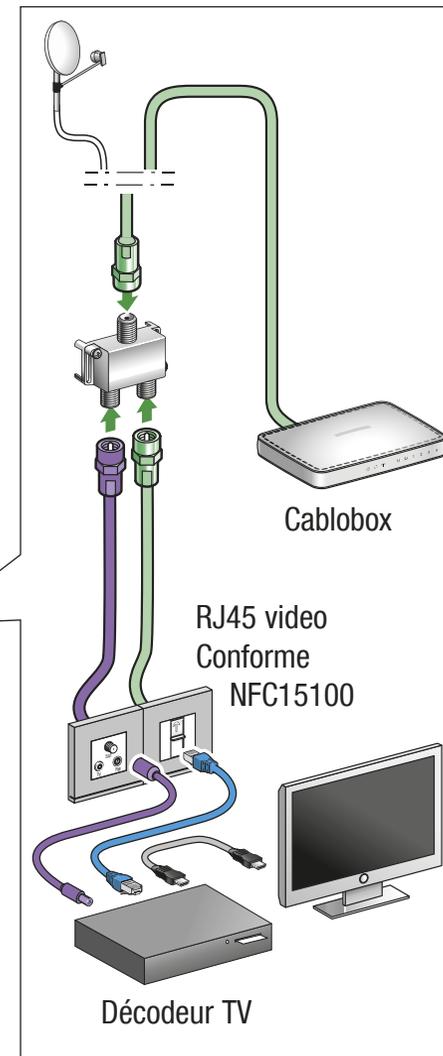
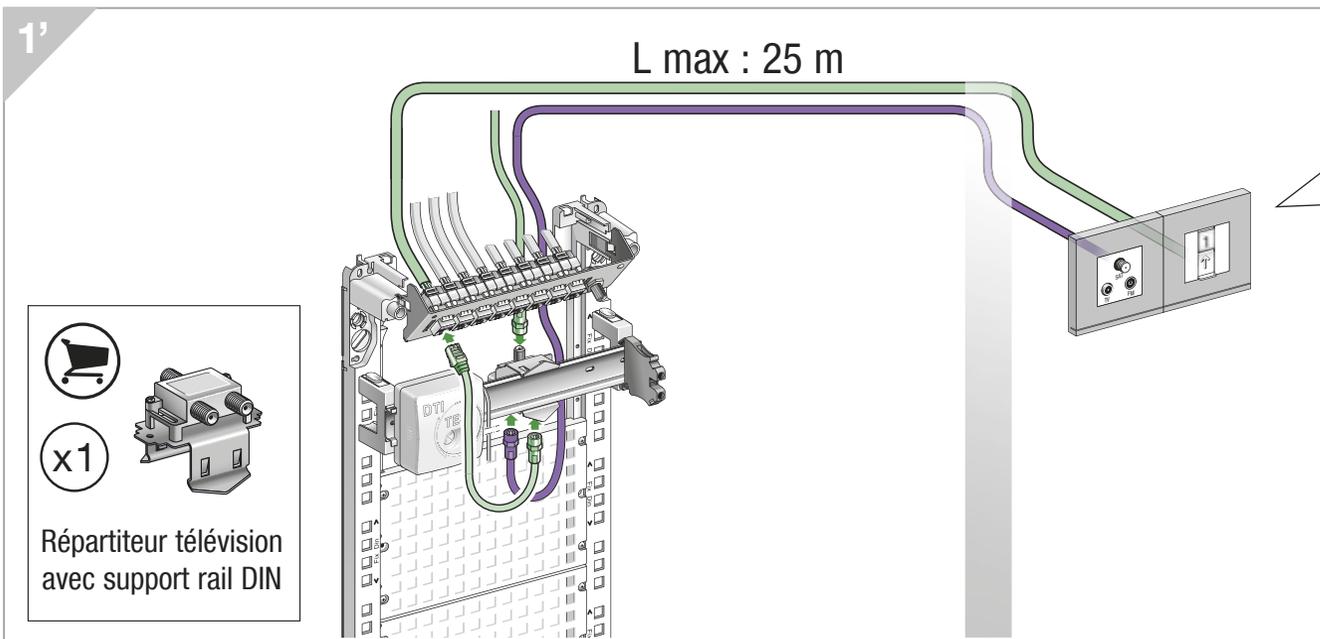
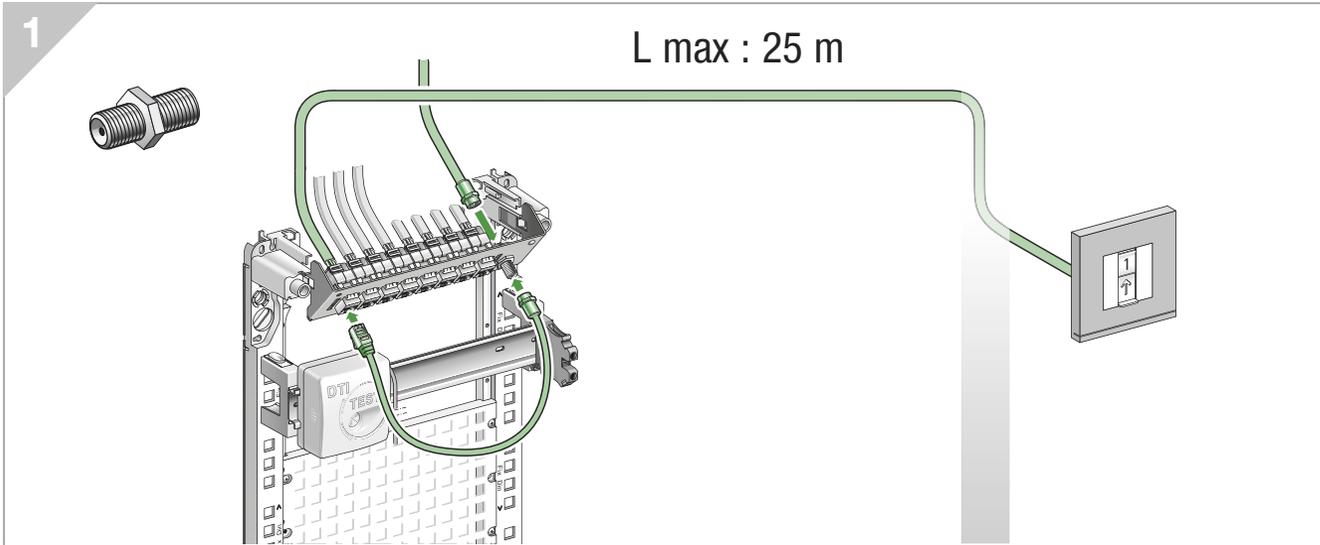
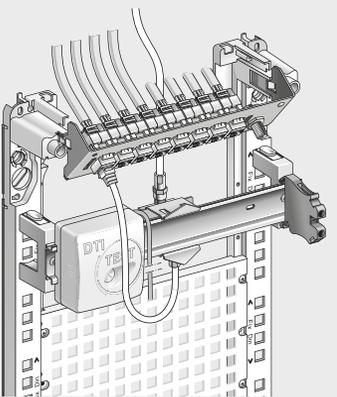
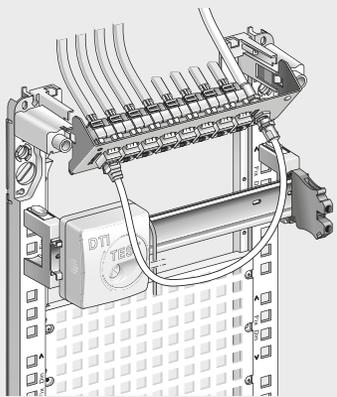
- DVB-T et DVB-C Puissance du signal entre 48 dBµV et 74 dBµV
- DVB-S (2150 Mhz) Puissance du signal entre 47 dBµV et 77 dBµV

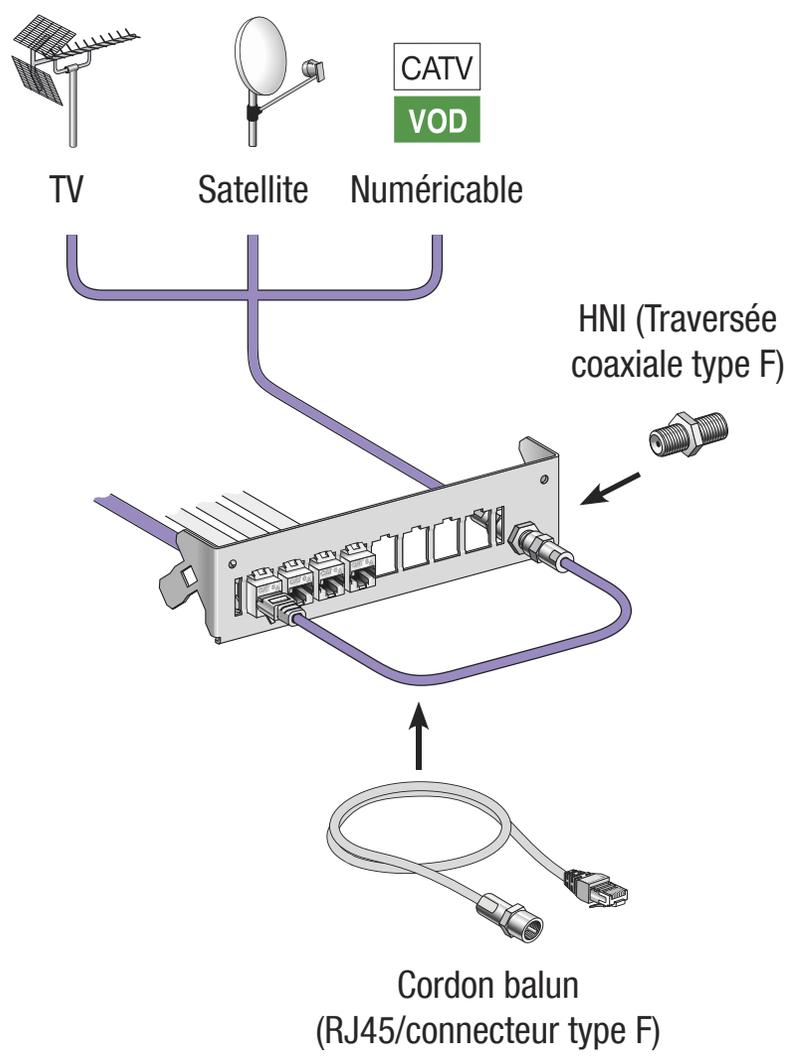


Coffret VDIRM0006



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## Disparition du câble coaxial pour la distribution TV

(hors colonne montante) et du câble PTT298 pour la téléphonie

à partir du 03 Août 2016 suivant l'article R111-14 du Code de la construction et de l'habitation, la norme NFC 15-100 titres 10 et 11 et la norme expérimentale XP C90-483.

Les services de communication comme le téléphone, la data et l'audiovisuel (TNT, satellite, etc.) doivent être distribués via un câble à paire torsadée à partir d'un coffret de communication.

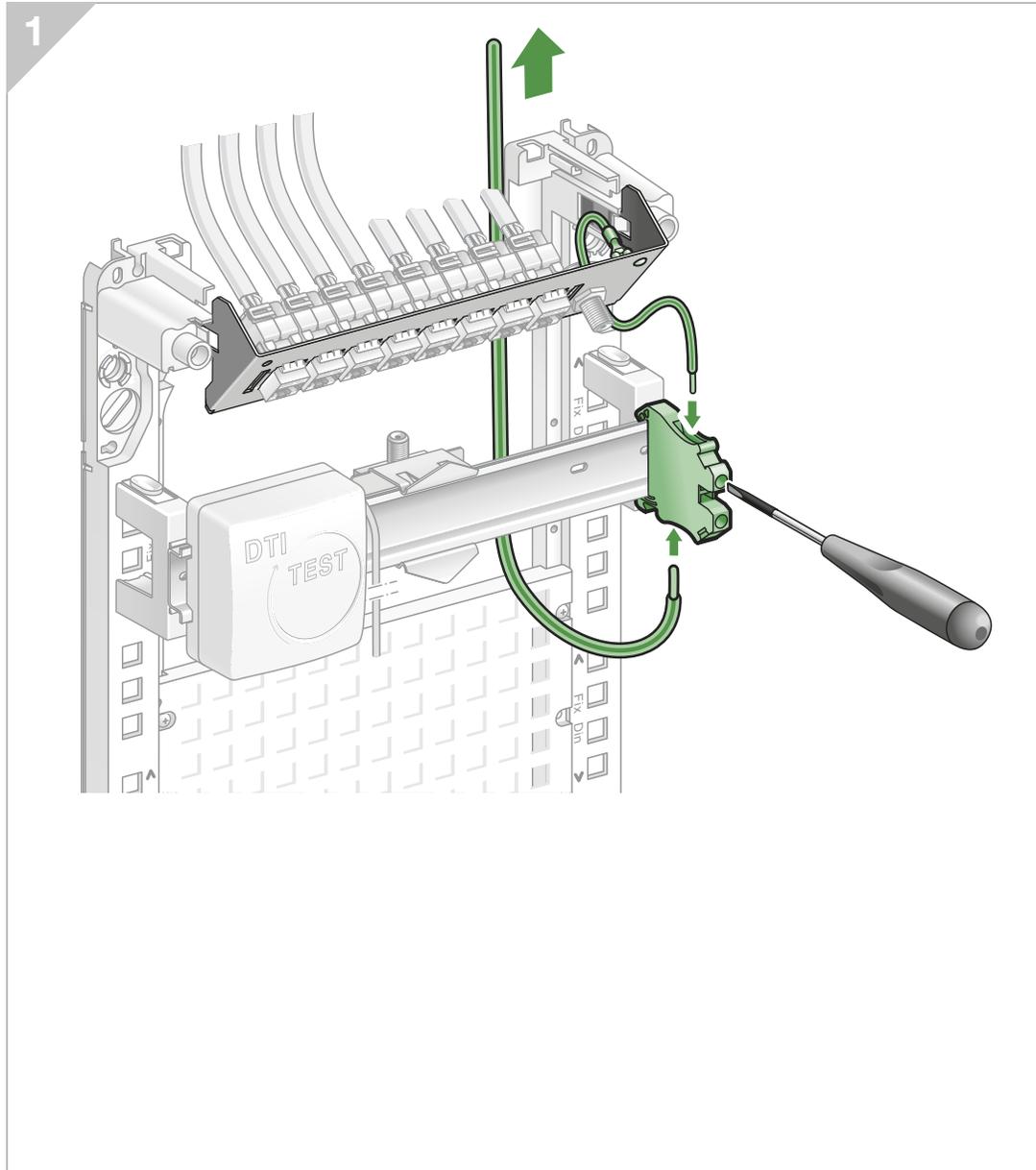
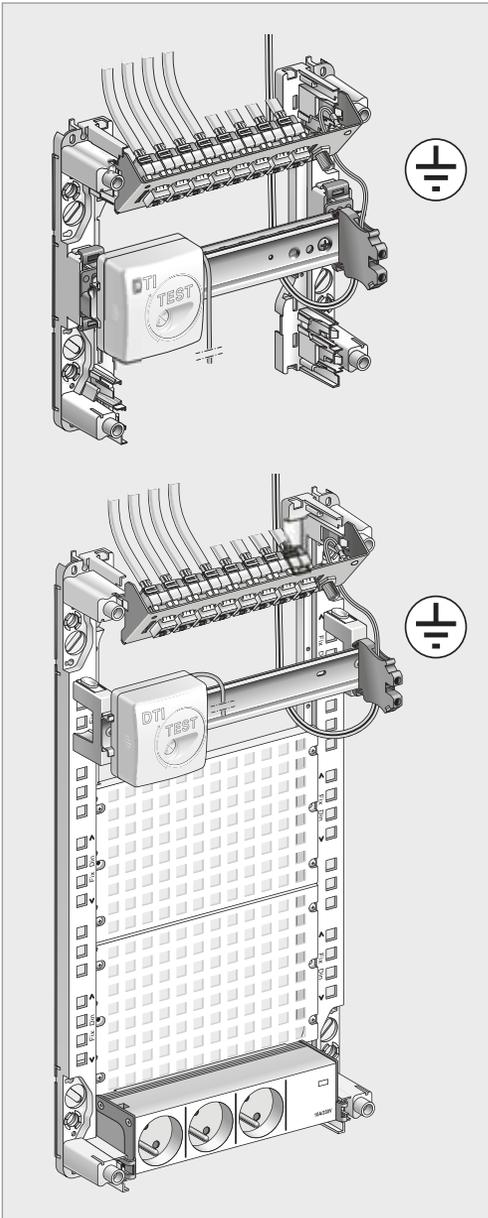
## Nouvelles normes des câbles résidentiel

Grade 2 TV (Norme XPC93-531-16)

Grade 3TV (Norme XPC93-531-17)

	Grade 2 TV	Grade 3 TV
Bande passante paire 7/8 à 2,2 GHz	250 Mhz	500 Mhz
Débit MAX en utilisation non simultanée	1 Gbps	10 Gbps
Débit en utilisation simultanée	100 Mbps	100 Mbps





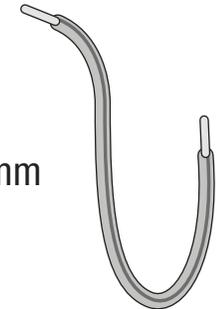
### AVIS

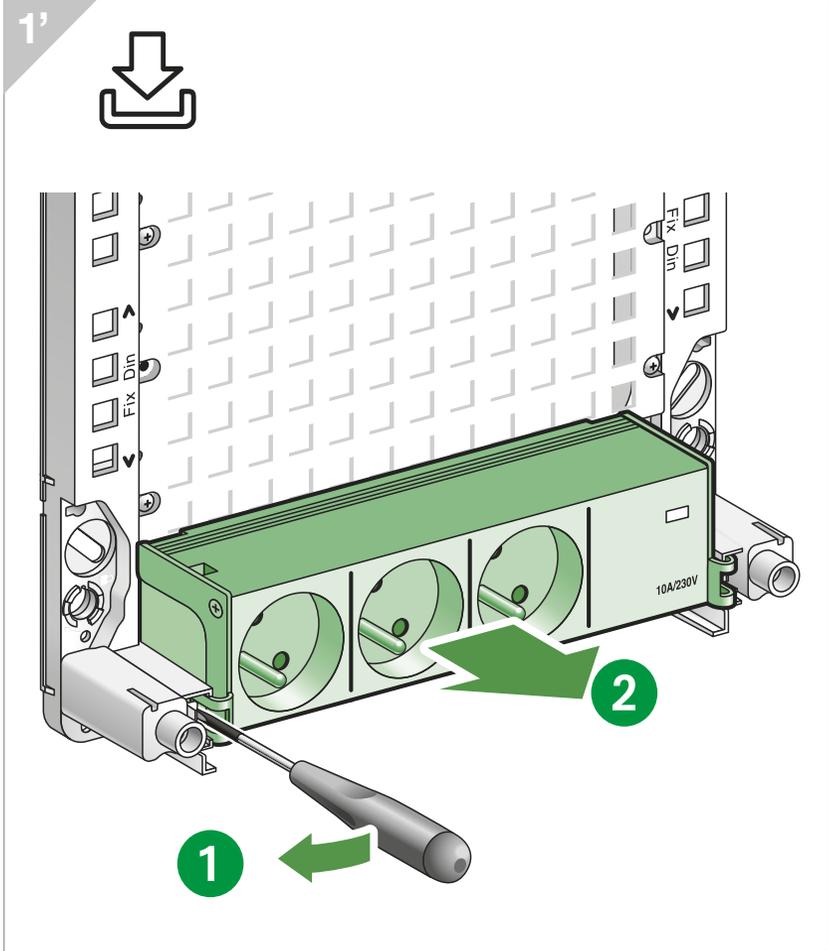
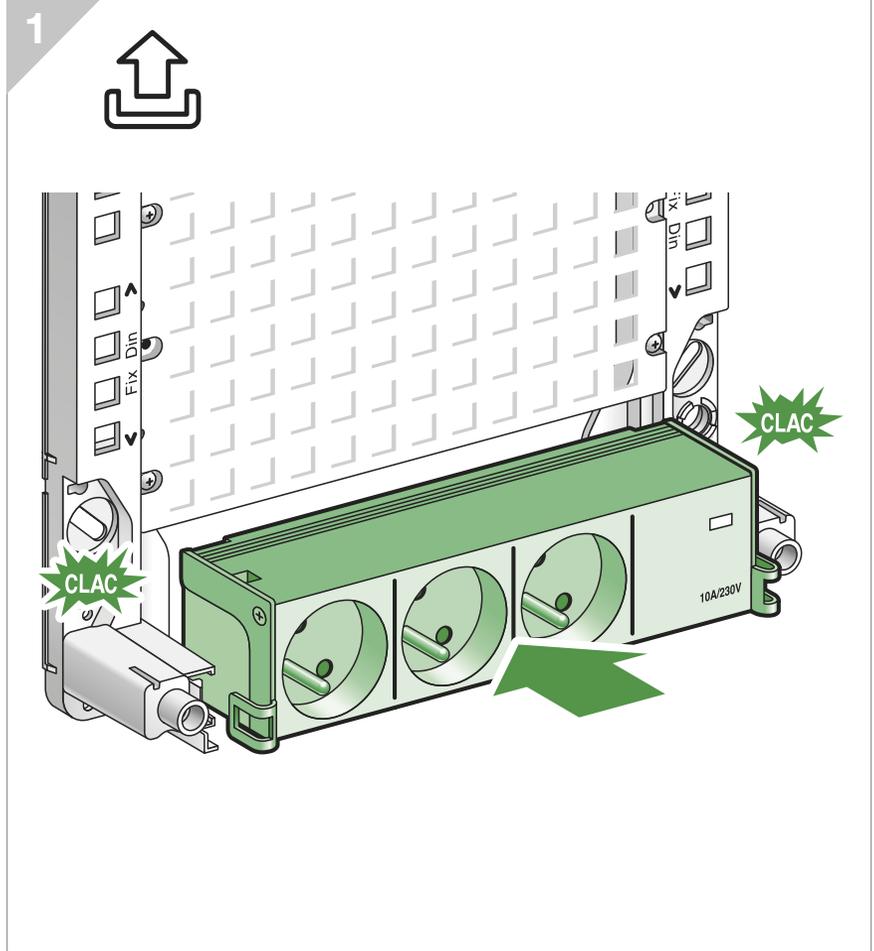
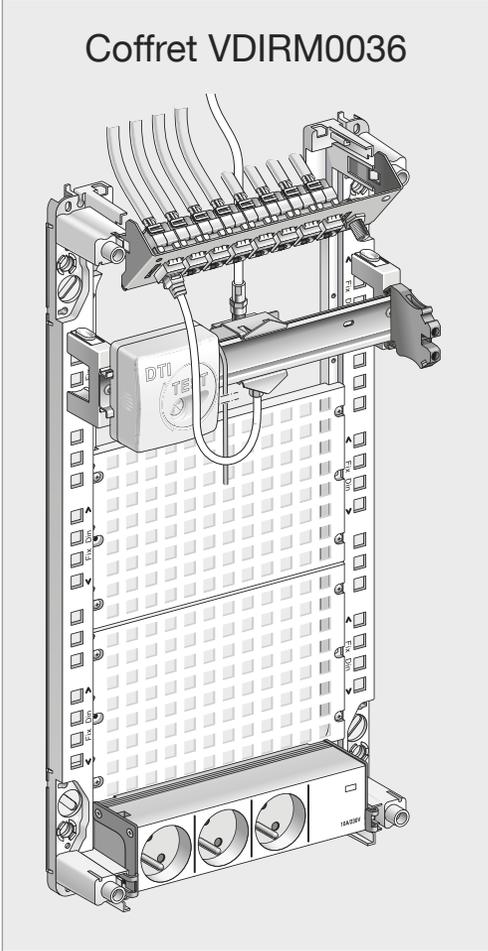
La liaison entre les barrettes de terre du tableau de répartition et du tableau de communication doit être aussi courte que possible (de préférence inférieure à 500 mm) et de section au minimum égale à 6 mm<sup>2</sup>.



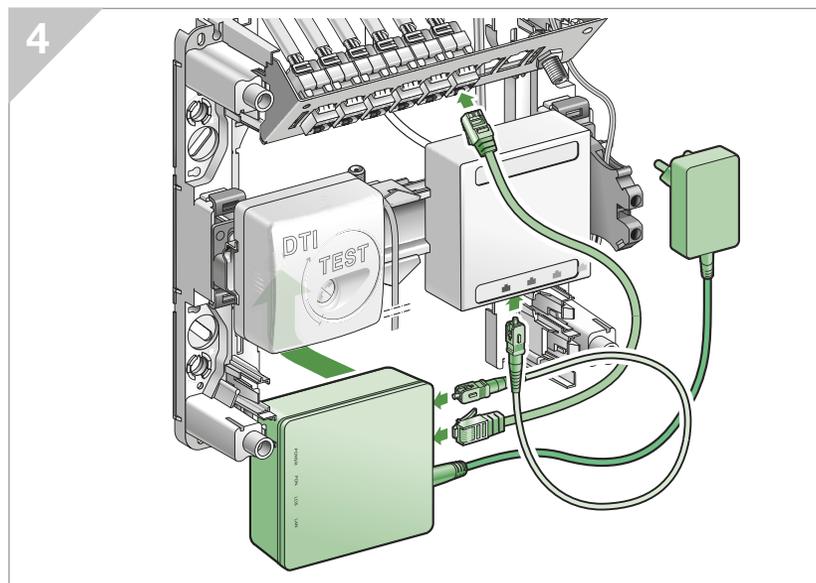
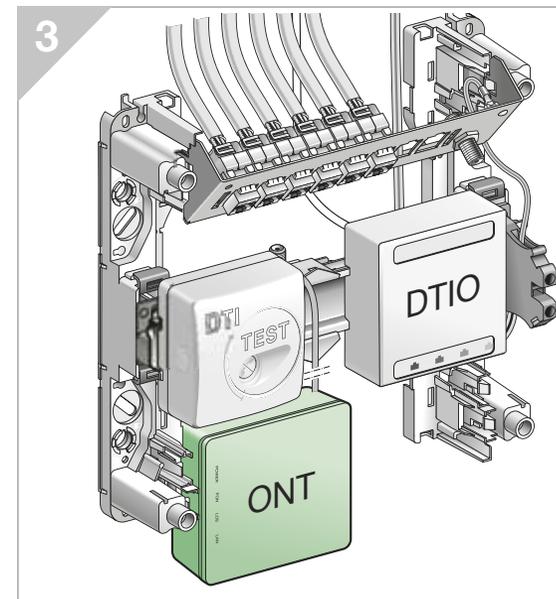
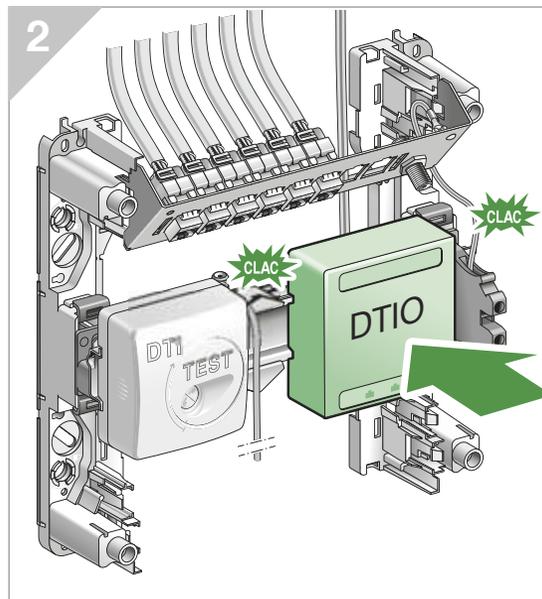
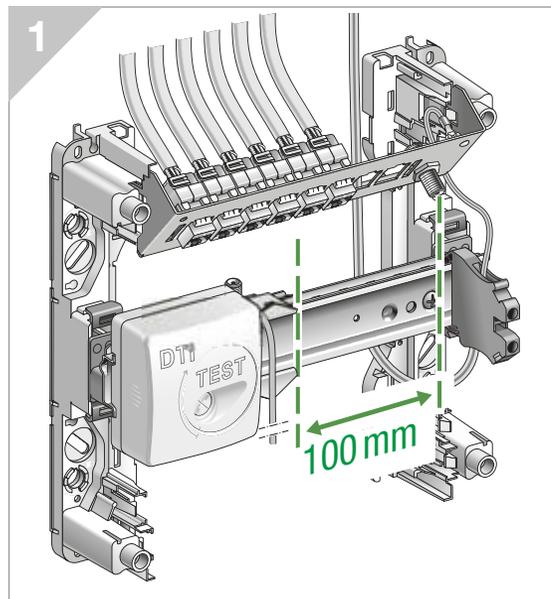
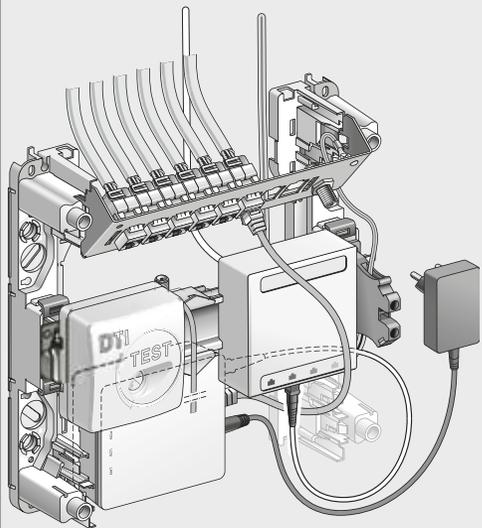
6 mm<sup>2</sup> - 500 mm

x1

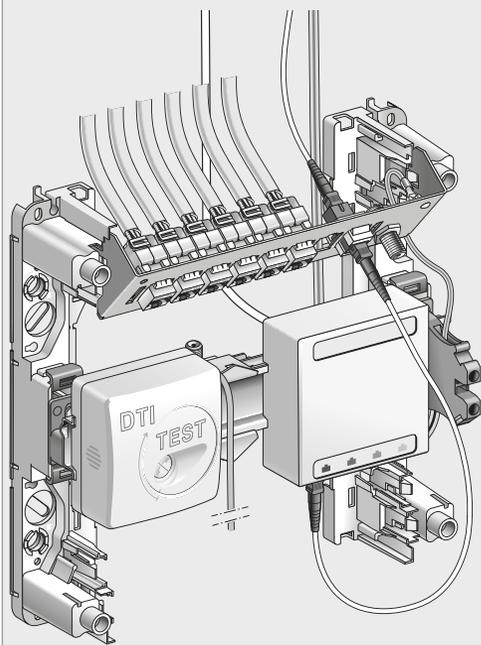




Box cuivre dans le séjour  
DTIO avec ONT dans  
le coffret VDIRM0006



Box optique dans le séjour  
VDIRM0006



1

Support Keystone  
Traversée optique  
connecteur SC

2

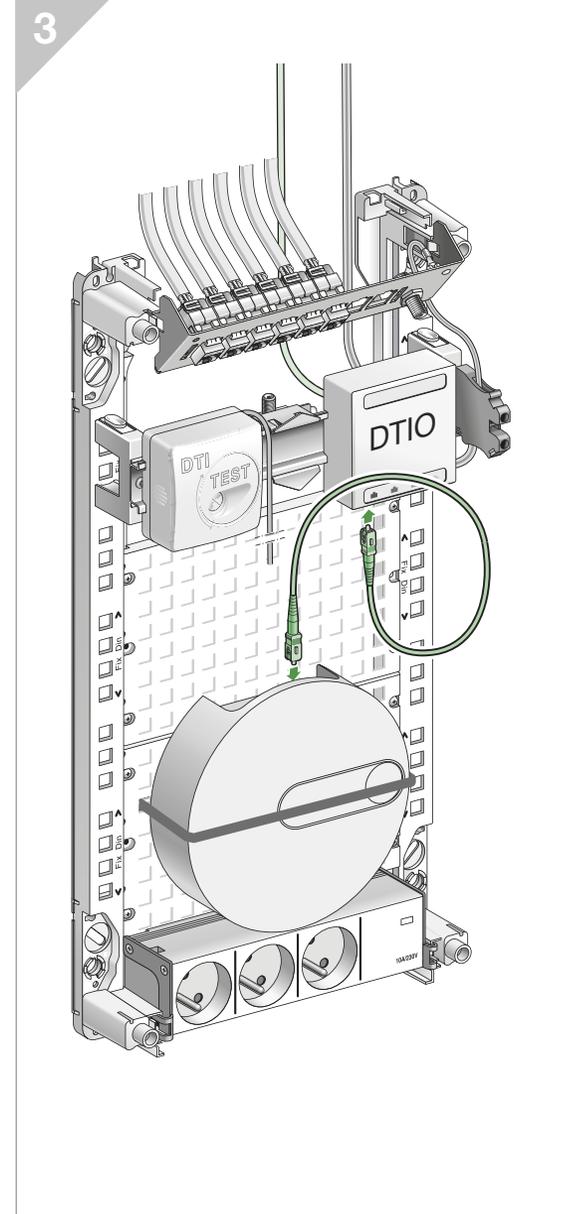
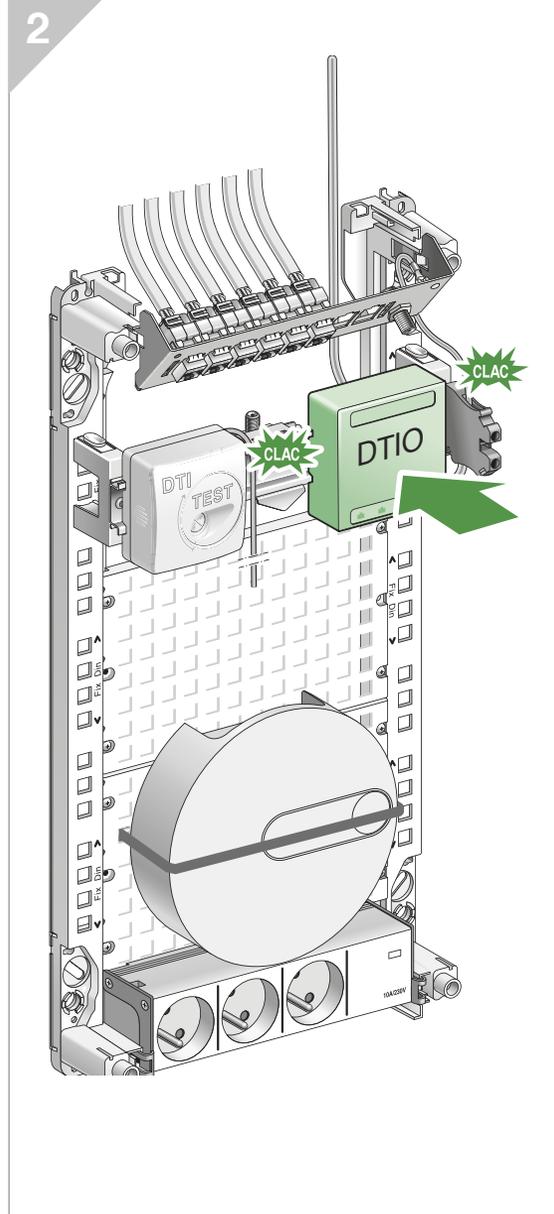
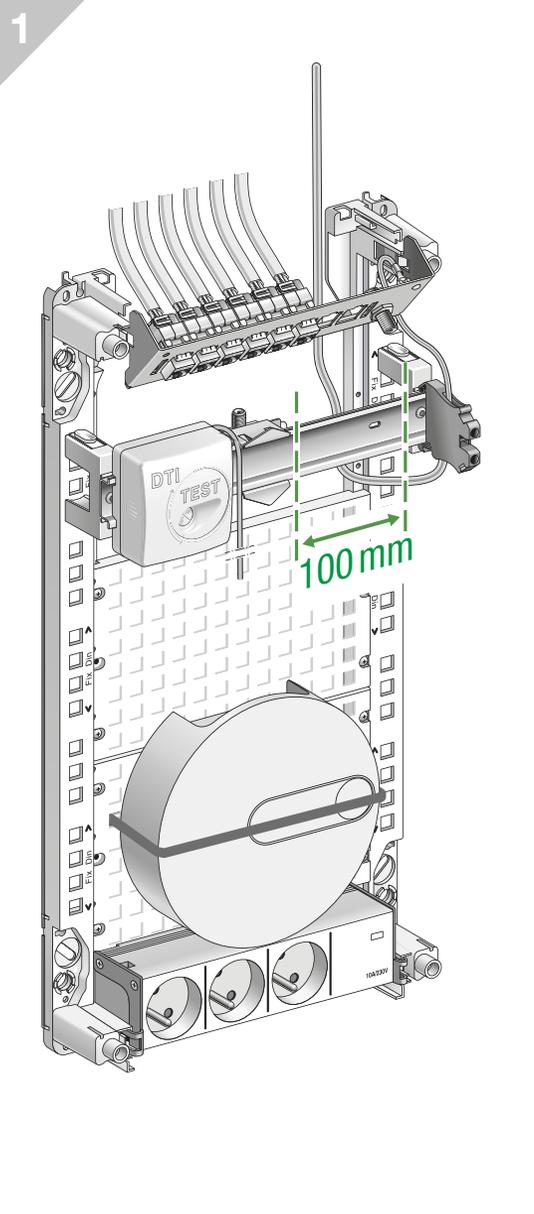
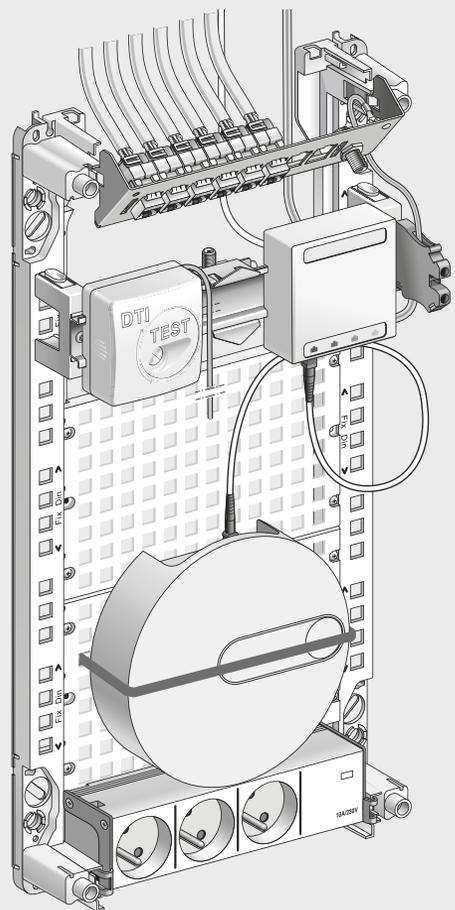
2

100 mm

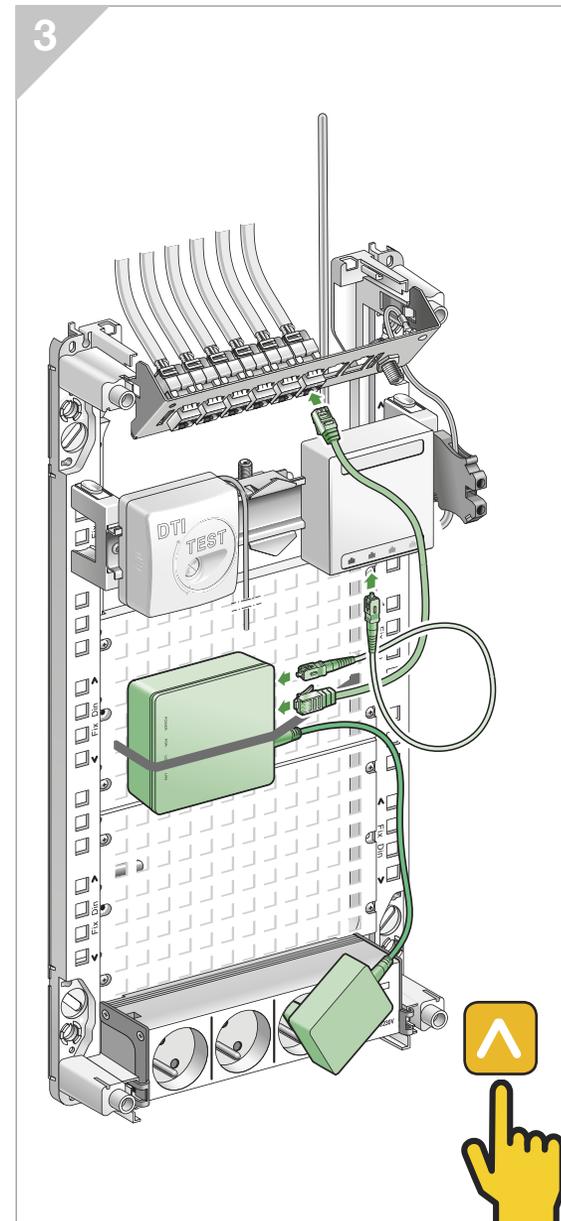
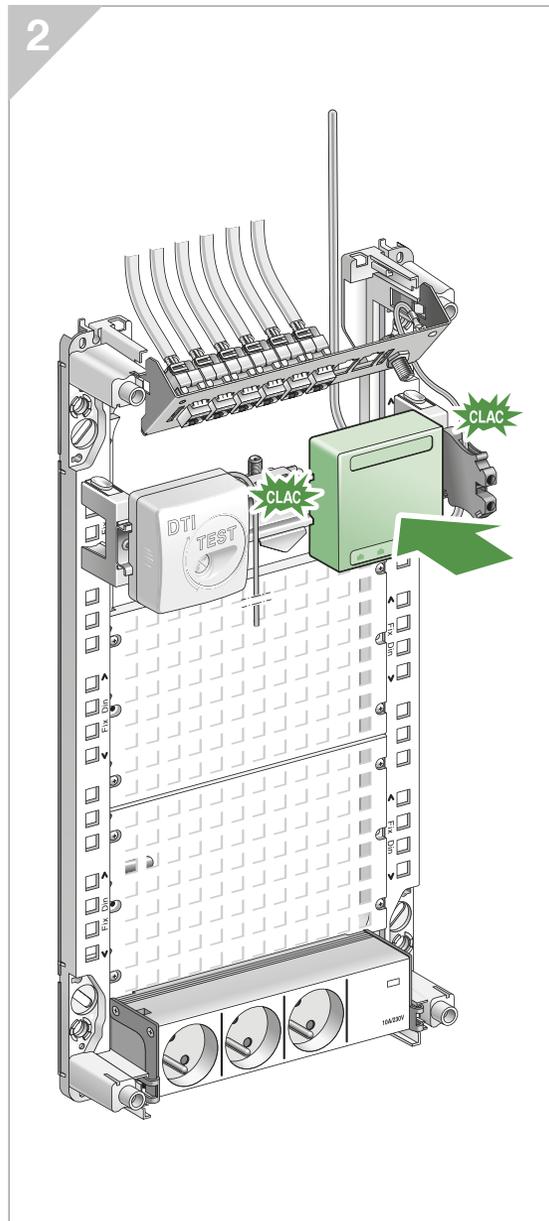
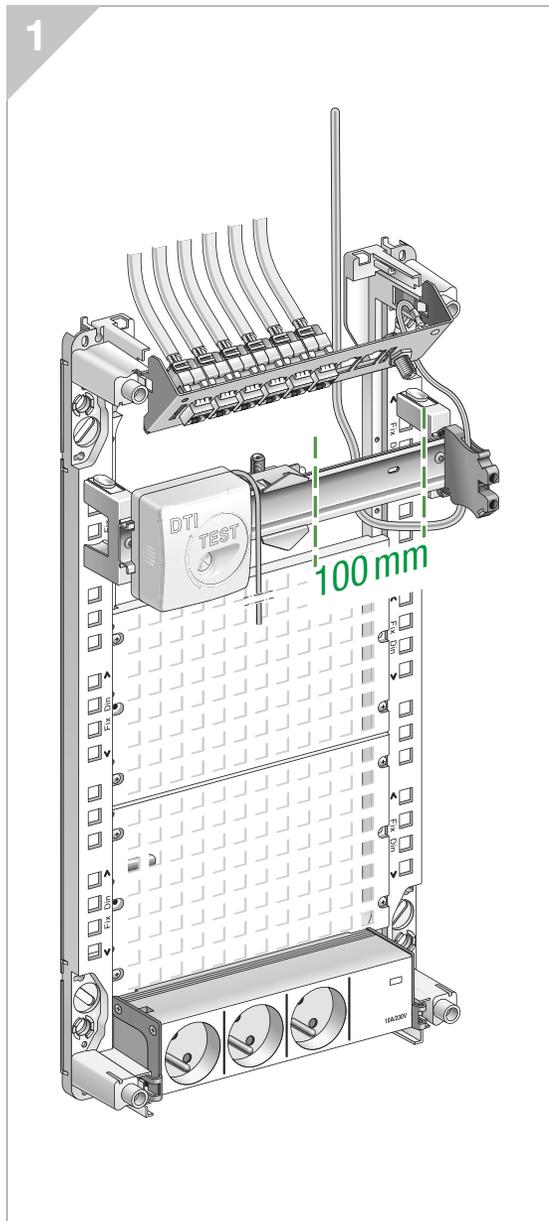
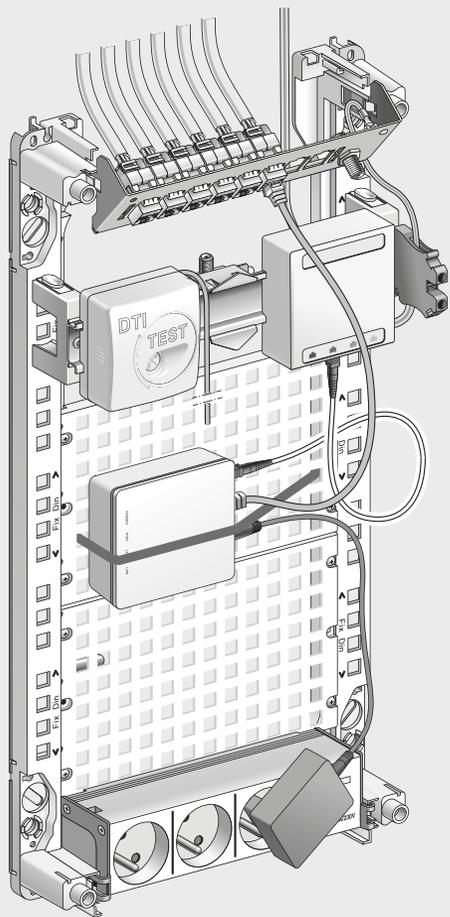
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4

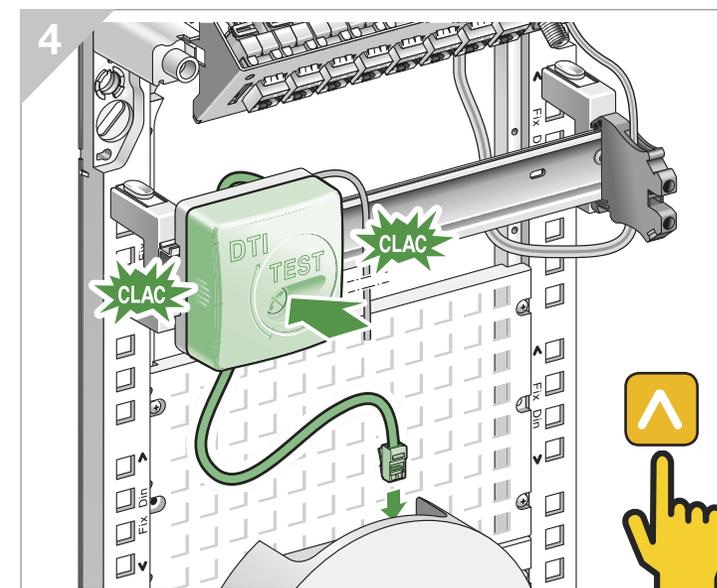
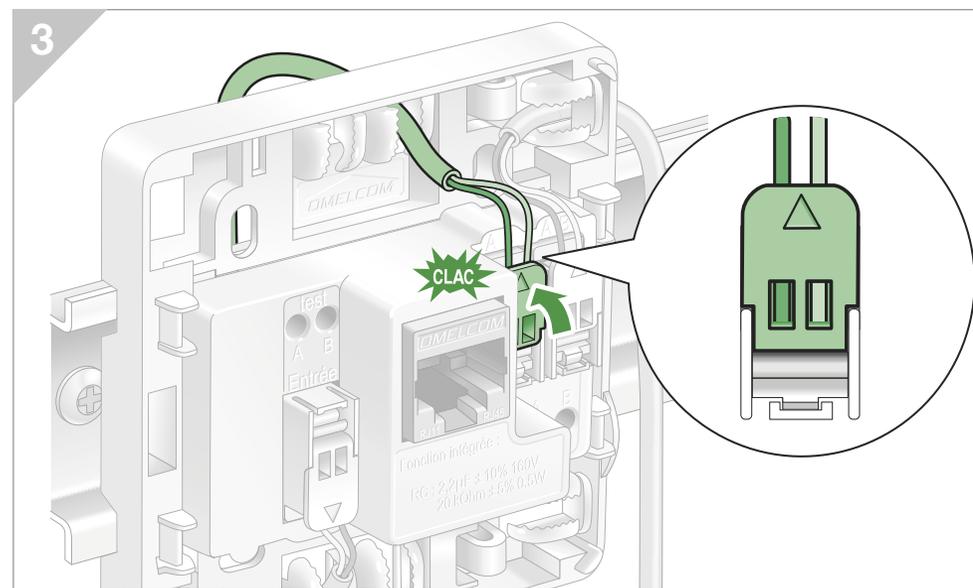
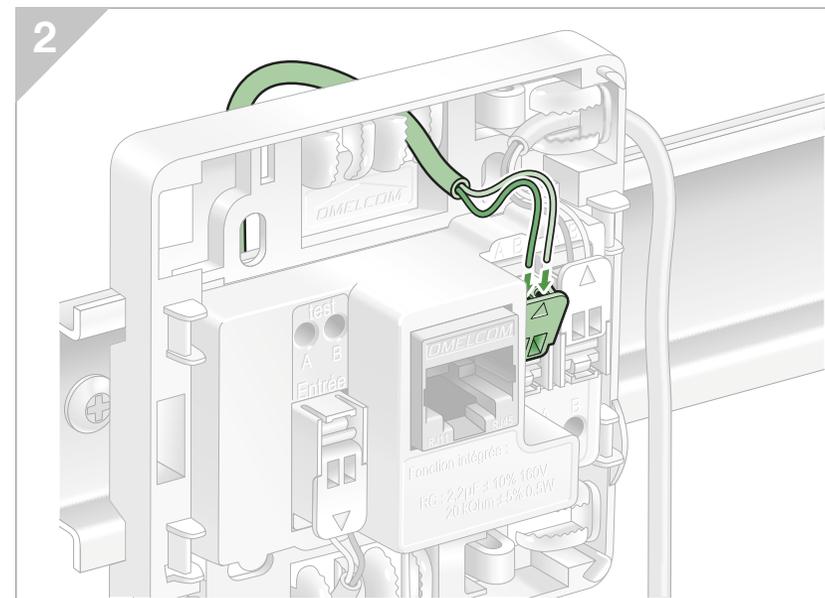
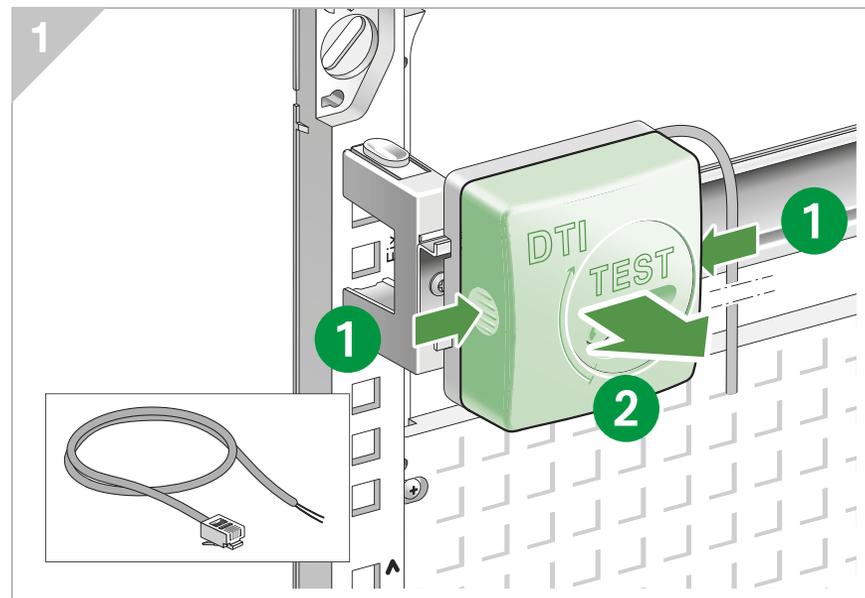
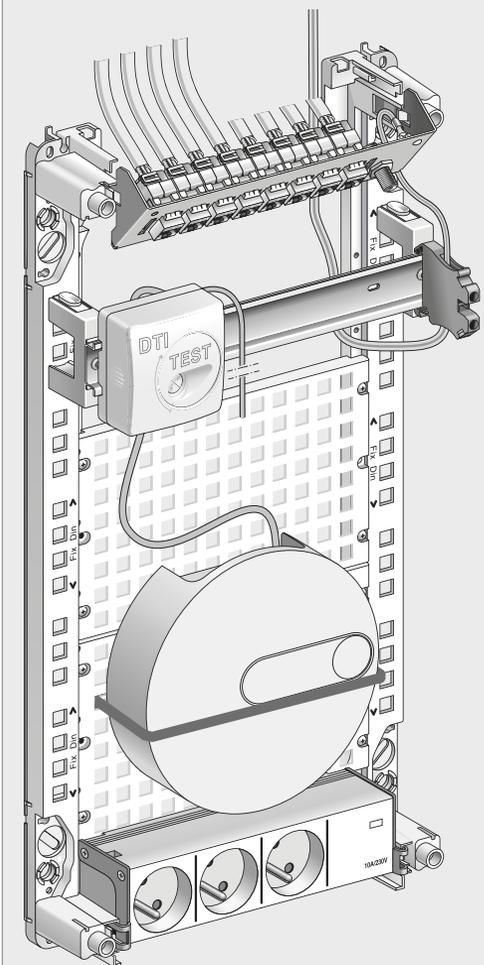
Box optique dans le coffret VDIRM0036



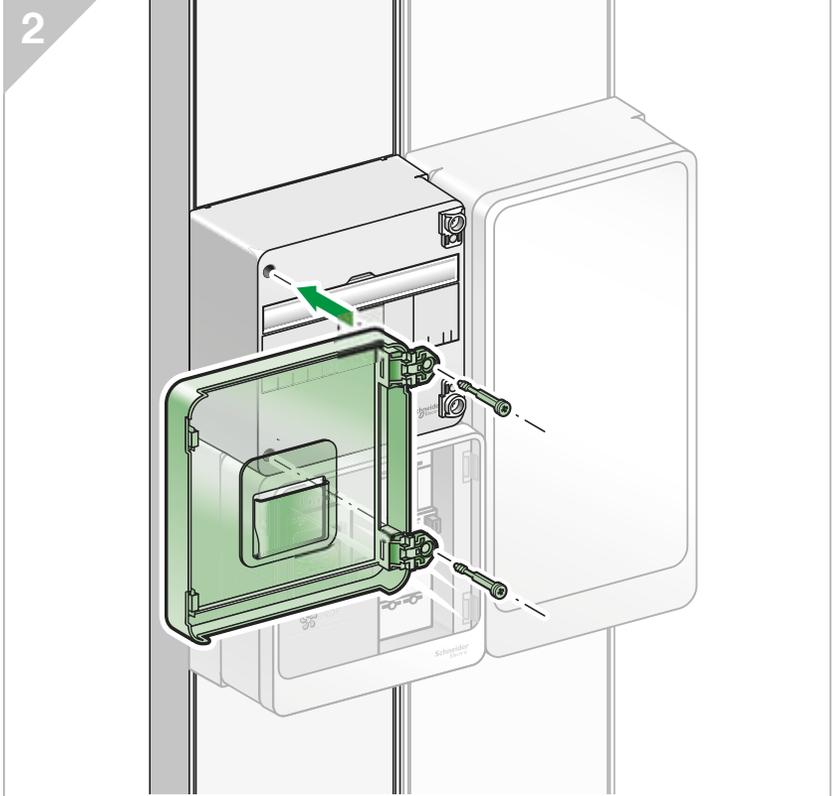
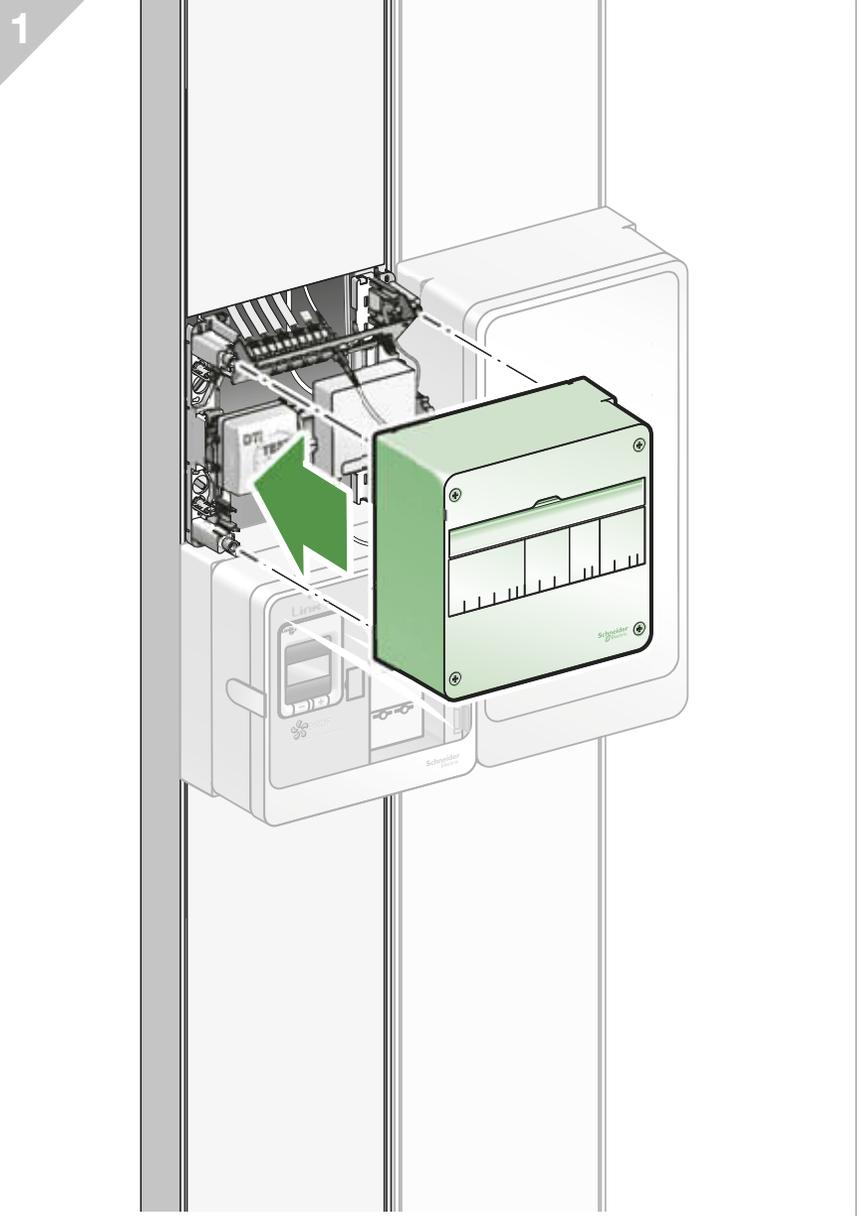
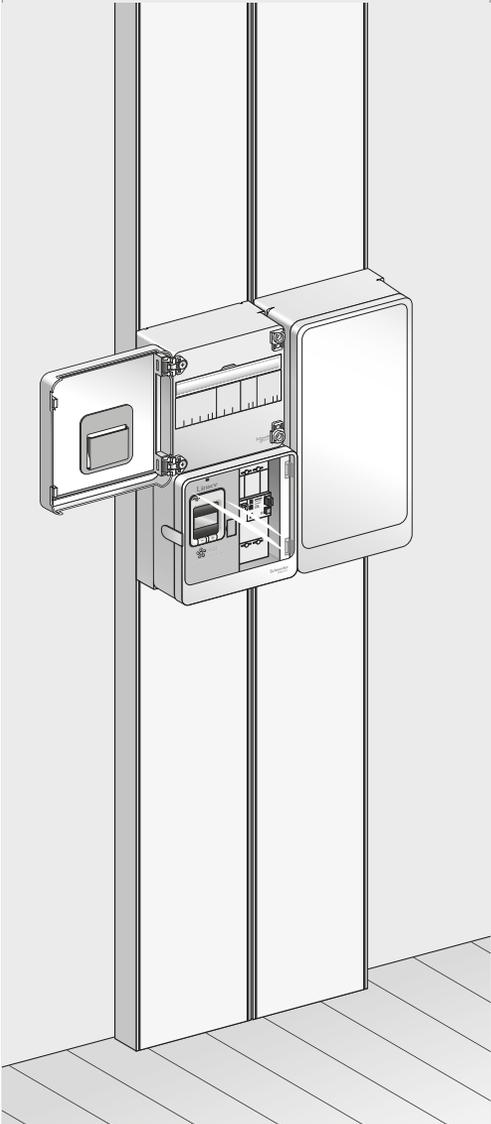
Box cuivre dans le séjour  
DTIO avec ONT dans  
le coffret VDIRM0036



Coffret VDIRM0036



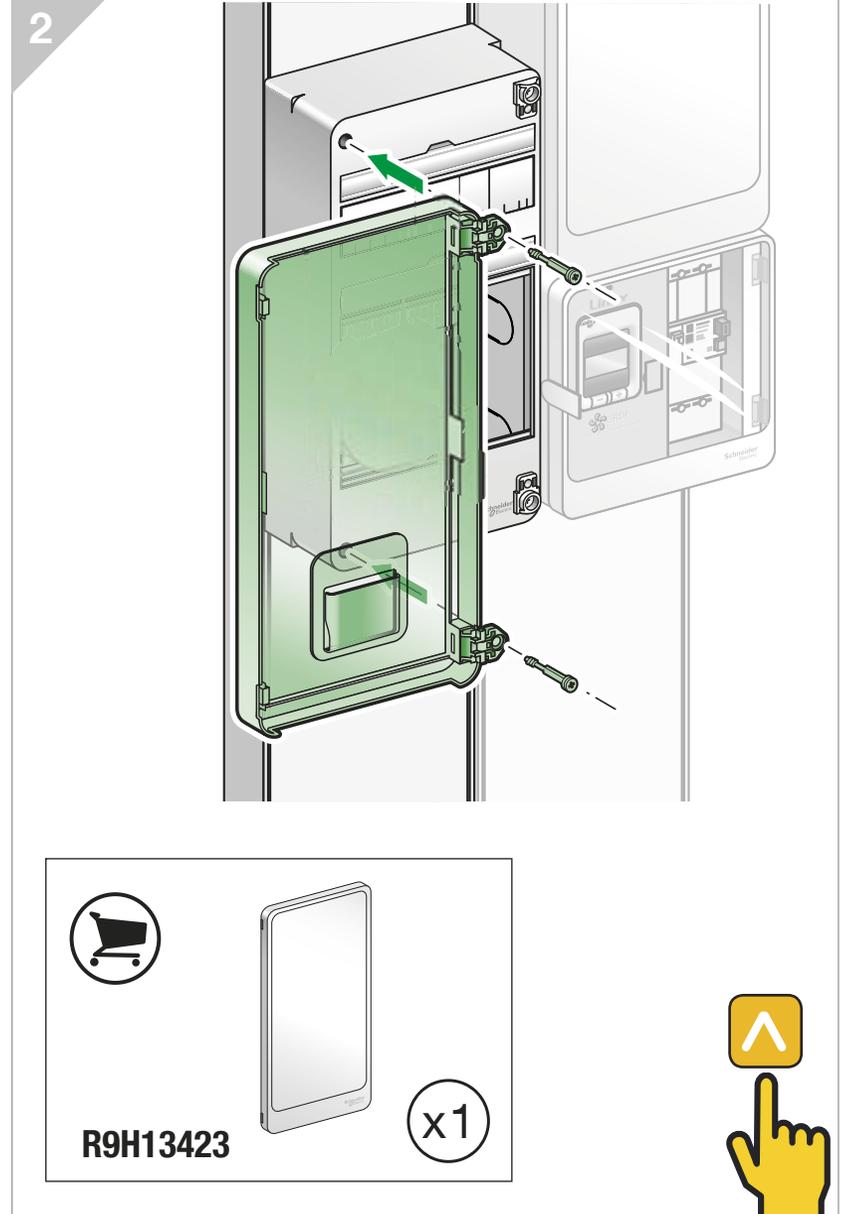
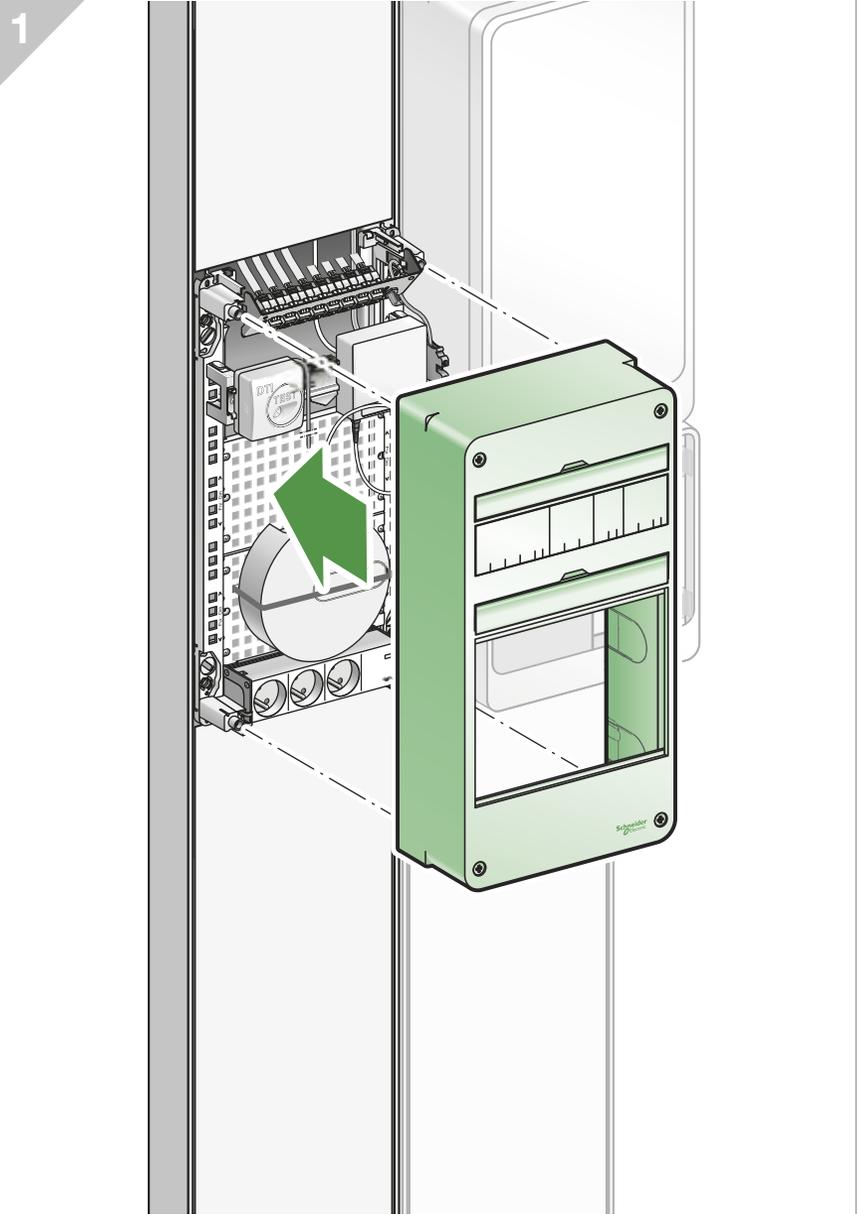
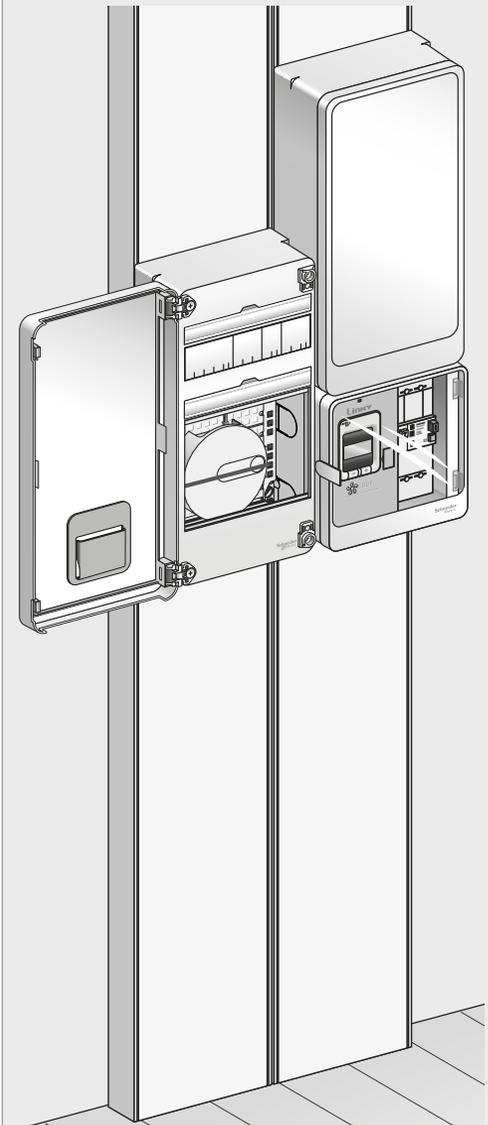
Coffret VDIRM0006



R9H13421

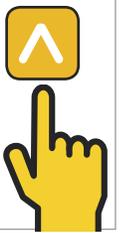
x1

Coffret VDIRM0036



R9H13423

x1



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