



## CYB

### Content

- CYB Outlets & switches with accessories .....Page 2
- CYB-PR/PC Dimmers, speed controller .....Page 12
- CYB-PO Kits with pole terminal/equipotential .....Page 15
- CYB-PP Kits with overvoltage protector .....Page 16
- CYB-PN DIN enclosures .....Page 18
- CYB Outlets and accessories acc. to British Standard .....Page 19
- CYB Low voltage devices .....Page 22
- CYB Accessories .....Page 33
- CYB Products dedicated for MWU health care panels .....Page 36
- CTA Accessories for CYB .....Page 36



### Description

Service content type CYB is a system intended for front F80 mounting in service carriers such as perimeter trunking, service poles and posts, service boxes and floor outlet boxes. A choice of products is also available for mounting on recessed c/c 60 mm boxes.

This product document includes socket outlets and switches, as well as accessories like indicating lamps, junction boxes, terminal blocks.

### F80 mounting without box

The master and slave socket outlets are mounted without box. This system consists of a triple master outlet, which can be extended with any number of double slave outlets. The combination is ended by an end piece, which is easily pushed in between the side of the outlet and the front cover.

Marking, termination and strain relief are done on the master socket outlet.

### Technical data

Electrical data	16 A / 250 V.
Standards	
Connection kit, switch	SS-EN 60669-1
Connection kit, outlet, with overvoltage protector	DIN VDE 0675 Part 6 Class C
Connection kit, outlet	IEC 884-1, DIN 0606
Approvals	
Connection kit, outlet	SEMKO, NEMKO, FIMKO, VDE and KEMA
Connection kit, outlet without child protection	SEMKO, KEMA, VDE
Connection kit, outlet, with overvoltage protector	SEMKO, VDE

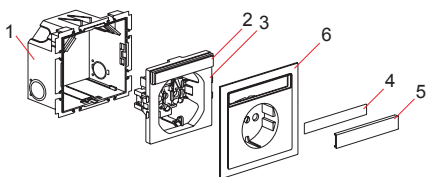
### Material data

Material PC/ABS	Density	1.14 g/cm <sup>3</sup>
	Water absorption	0.6%
	Volume resistivity	>10 <sup>13</sup> Ω cm
	Dielectric strength	19 kV/mm
	Fire rating	UL 94 HB (halogen-free)
Material PA6/ABS	Density	1.12 g/cm <sup>3</sup>
	Water absorption	0.9%
	Volume resistivity	10 <sup>14</sup> Ω cm
	Fire rating	UL 94 HB (halogen-free)
Material PA	Density	1.35 g/cm <sup>3</sup>
	Water absorption	1.7%
	Fire rating	UL 94 HB (halogen-free)
Material PA6, 30% glass-fibre	Density	1.35 g/cm <sup>3</sup>
	Water absorption	1.7%
	Fire rating	UL 94 HB (halogen-free)
Material PA6, 15% glass-fibre	Density	1.24 g/cm <sup>3</sup>
	Water absorption	2.0%
	Volume resistivity	>10 <sup>14</sup> Ω cm
	Dielectric strength	65 kV/mm
	Fire rating	UL 94 HB
Material ASA	Density	1.07 g/cm <sup>3</sup>
	Water absorption	0.45%
	Fire rating	UL 94 HB (halogen-free)
Material ABS DH / AS	Density	1.05 g/cm <sup>3</sup>
	Fire rating	UL 94 HB (1.7 mm)
Material PMMA N8	Density	1.19 g/cm <sup>3</sup>
	Linear expansion	80x10 <sup>-6</sup> m/m°C
	Water absorption	0.3%
	Volume resistivity	>10 <sup>15</sup> Ω cm
	Dielectric strength	30 kV/mm (DIN 53481)
	Fire rating	UL 94 HB

### Colour spec.

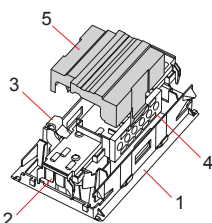
White NCS	= NCS 0701-G46Y	≈ RAL 9016
White RAL 9010	= NCS 0502-Y14R	≈ RAL 9010
White RAL 1013		= RAL 1013
Light grey	= NCS 1902-Y24R	
Greyish-black	= NCS 7603-R74B	
Black		= RAL 9005
Red	= NCS 3754-Y97R	≈ RAL 3003
Orange		≈ RAL 2003
Green		≈ RAL 6029
Aluminium metallic		

### Exploded views



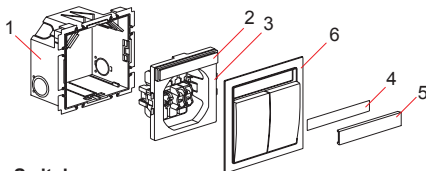
#### Outlet, single, with box

1. Box with strain relief devices
2. Label holder
3. Adaptor
4. Label
5. Label window
6. Cover



#### Master outlet without box

1. Socket outlet
2. Termination for double slave socket outlet
3. Strain relief
4. Terminal block
5. Cover over termination parts



#### Switch

1. Box with strain relief devices
2. Label holder
3. Adaptor
4. Label
5. Label window
6. Cover with rocker

### Operative data







Temperature range	From -20°C to +40°C
Suitable outdoors	No
Degree of protection	IP20

### Mounting instructions

Mounting instructions are enclosed with the product.

Connection kit, single	20002500
CYB-AD1	MI 2257
CYB-PB on TED	20017802
CYB-PF	20002995
CYB-PS single on TED	20017191
CYB-PS master/slave	20045620
- overv. prot. TN, term.guide	20046238
- overv. prot. IT, term.guide	20046239

CYB connection kits, master outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Triple master socket outlet, push-in</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. Green, orange and red for priority power supply. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
<b>CYB-PS</b>	White NCS White RAL 9010 White RAL 1013 Black Alu metallic Green Orange Red	84/50/142		1	7315885940116 7315880103288 7315880103295 7315880107255 7315880107279 7332418021326 7332418021333 7332418021340	5940110 5940111 5940112 5940114 5940113 5951677 5951678 5951679
<b>CYB-PS</b>	White NCS	84/50/142		1	7315885940178	5940175
Big-pack (packed in a set including 45 pcs)						
<b>CYB-PS</b>	White NCS White RAL 9010 White RAL 1013 Alu metallic	84/50/142		1	7315885940154 7315880107293 7315880107309 7315880107316	5940150 5940151 5940152 5940153
<b>CYB-PS</b>	White NCS White RAL 9010 White RAL 1013 Alu metallic	84/50/142		1	7315885940253 7315880108641 7315880108658 7315880108665	5940250 5940251 5940252 5940253
<b>Triple master socket outlet, screw</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, screw terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
<b>CYB-PS</b>	White NCS Alu metallic Black RAL 9005	84/50/142		1	7332418017299 7332418017305 7332418017312	5941500 5941505 5941510
<b>CYB-PS</b>	White NCS Alu metallic	84/50/142		1	7332418017329 7332418017336	5941515 5941520
<b>CYB-PS</b>	White NCS Alu metallic	84/50/142		1	7332418017343 7332418017350	5941525 5941530
<b>Triple master socket outlet, push-in, without label window</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices and push-in terminal block. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
<b>CYB-PS</b>	White RAL 9010 White RAL 1013 Alu metallic	84/50/142		1	7332418016902 7332418016919 7332418016926	5940310 5940311 5940312
<b>Triple master socket outlet, push-in, with overvoltage protection for TN mains</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With overvoltage protector TN-C and TN-S with LED indication for mains type TN. Green light indicates normal operation and red light indicates overload. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
<b>CYB-PS</b>	White NCS Alu metallic	84/50/142		1	7315885940307 7315880108634	5940300 5940303
<b>Triple master socket outlet, screw, with overvoltage protection for TN mains</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, screw terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With overvoltage protector TN-C and TN-S with LED indication for mains type TN. Green light indicates normal operation and red light indicates overload. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						37° 
<b>CYB-PS</b>	White NCS Alu metallic	84/50/142		1	7332418017381 7332418017374	5941545 5941540

P48B1



P48B1



P88B56



P88B56



CYB connection kits, master outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Triple master socket outlet, push-in, with overvoltage protection for IT mains</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With overvoltage protector IT-C with LED indication for mains type IT. Green light indicates normal operation and red light indicates overload. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						
<b>CYB-PS</b> For IT mains	White RAL 9010	84/50/142		1	7315880109419	5940305
<b>Triple master socket outlet, screw, with overvoltage protection for IT mains</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, screw terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With overvoltage protector IT-C with LED indication for mains type IT. Green light indicates normal operation and red light indicates overload. Shuttered. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						
<b>CYB-PS</b>	White NCS	84/50/142		1	7332418017367	5941535
<b>Triple master socket outlet, push-in, with installation couplers</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices, push-in terminal block and label window with label. Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With two halogen-free cables (30 cm free length), and 3x2.5 mm <sup>2</sup> wire and male and female installation couplers. Child protection. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						
<b>CYB-PS</b> With Wieland cables	White NCS White RAL 9010 White RAL 1013	84/50/142		1	7315885940208 7315880107323 7315880114048	5940200 5940201 5940202
<b>CYB-PS</b> With Wago cables	White NCS	84/50/142		1	7315885940215	5940210
<b>CYB-PS</b> With Ensto cables	White NCS White RAL 9010	84/50/142		1	7315885940222 7315880107347	5940220 5940221
<b>Triple master socket outlet, push-in, with installation couplers</b>						
Triple connection kit including socket/cover plate (in one piece) with earthing system, two strain relief devices and push-in terminal block (without label window). Also including cover to be fitted over the termination, and end piece that snap-fits on either side of the outlet. With two halogen-free Wieland cables (110 cm free length) with 3x2.5 mm <sup>2</sup> wire and male and female installation couplers. Child protection. Hole pattern 37°. To be combined with double slave socket outlets. Material: PC/ABS.						
<b>CYB-PS</b>	White RAL 9010 White RAL 1013	84/50/142		1	3606480523540 3606480523557	INS69000 INS69001

P88856



P88856



P81976



P88851














P88852



P140233



CYB connection kits, slave outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
<b>Double slave socket outlet</b>							
Double slave socket outlet to be plugged into the master or another slave socket outlet. Including end piece that snap-fits on either side of the outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37° 	
	<b>CYB-PS</b>	White NCS White RAL 9010 White RAL 1013 Black Alu metallic	84/39/94	1	7315885940017 7315880103264 7315880103271 7315880107262 7315880107286	5940010 5940011 5940012 5940014 5940013	
	<b>CYB-PS</b>	White NCS	84/39/94	1	7315885940079	5940075	
	<b>CYB-PS</b> Big-pack (packed in a set including 45 pcs)	White NCS	84/39/94	1	7332418015257 7332418015288	5940015 5940018	
	<b>CYB-PS</b> Marked DATA	White NCS Alu metallic	84/39/94	1	7332418015257 7332418015288	5940015 5940018	
	<b>Double slave socket outlet, kit with push-in adaptor</b>						
Double slave socket outlet including an end piece with label window that snap-fits on one side of the outlet and a CYB-AC adaptor with push-in termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37° 	
	<b>CYB-PS</b>	White NCS White RAL 1013 White RAL 9010 Alu metallic	84/39/160	1	7332418019897 7332418015479 7332418015462 7332418015486	5940044 5940021 5940022 5940023	
	<b>CYB-PS</b> Marked DATA	White NCS	84/39/160	1	7332418021302	5951515	
	<b>Double slave socket outlet, kit with screw adaptor</b>						
Double slave socket outlet including an end piece with label window that snap-fits on one side of the outlet and a CYB-AC adaptor with screw termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37° 	
	<b>CYB-PS</b>	White NCS Alu metallic	84/39/160	1	7332418019903 7332418017404	5941216 5941205	
	<b>CYB-PS</b> Marked DATA	White NCS	84/39/160	1	7332418021319	5951516	
	<b>CYB-PS</b>	White NCS	84/39/125	1	7332418017398	5941200	
	<b>Double slave socket outlet, kit with push-in adaptor</b>						
Double slave socket outlet including two end pieces that snap-fit on either side of the outlet and a CYB-AC adaptor with push-in termination on one side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.						37° 	
	<b>CYB-PS</b>	White NCS White RAL 1013 White RAL 9010 Alu metallic	84/39/145	1	7332418021289 7332418021265 7332418021272 7332418021296	5951513 5951511 5951512 5951514	
	<b>Double slave socket outlet, kit with Wieland adaptor</b>						
	Double slave socket outlet including an end piece that snap-fits on one side of the outlet, and CYB-AD adaptor for Wieland 3-pole male interface GST-18 on the other side. The adaptor includes protective cover with label window. To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS, PA6.						37° 
	<b>CYB-PS</b>	White NCS Alu metallic	84/39/140	1	7332418015295 7332418015325	5940025 5940028	

CYB connection kits, slave outlet

P89550



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Double slave socket outlet, pre-wired kit with Wieland installation couplers</b>					
Double slave socket outlet including CYB-ET earth terminal, CYB-AD adaptor with push-in terminal block and protective cover with label window, and end piece that snap-fits on one side of the outlet. Pre-wired with connection cable type H05VV-F3G including male and female Wieland installation couplers. Cable length 2x1.4 m. To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.					37°
<b>CYB-PS</b> 1.5 mm <sup>2</sup> cable	White NCS	84/39/125	1	7332418015332	5940030
	White RAL 9010			7332418015349	5940031
	White RAL 1013			7332418015356	5940032
	Alu metallic			7332418015363	5940033
<b>CYB-PS</b> 2.5 mm <sup>2</sup> cable	White NCS	84/39/125	1	7332418015370	5940035
	White RAL 9010			7332418015387	5940036
	White RAL 1013			7332418015394	5940037
	Alu metallic			7332418015400	5940038

P140231



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Double slave socket outlet, pre-wired kit with Wieland installation couplers</b>					
Double slave socket outlet including end pieces without label window that snap-fit on either side of the outlet and a CYB-AC adaptor with push-in termination on one side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Pre-wired with two Wieland cables 1.1 m including male and female Wieland installation couplers. Cable length 2x1.4 m. To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.					37°
<b>CYB-PS</b>	White RAL 9010	84/39/145	1	3606480523564	INS69020
	White RAL 1013			3606480523571	INS69021

P89549



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>2 x double slave socket outlet, kit with push-in adaptor</b>					
A combination of two double slave socket outlets with an end piece with label window that snap-fits on one side of the combination and a CYB-AC adaptor with push-in termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.					37°
<b>CYB-PS</b>	White NCS	84/39/250	1	7332418015417	5940040
	White RAL 9010			7332418015424	5940041
	White RAL 1013			7332418015431	5940042
	Alu metallic			7332418015448	5940043

P89549



Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>2 x double slave socket outlet, kit with screw adaptor</b>					
A combination of two double slave socket outlets with an end piece with label window that snap-fits on one side of the combination and a CYB-AC adaptor with screw termination on the other side. The adaptor includes a protective cover that is fitted under the front cover of trunking, poles, etc., and two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm <sup>2</sup> . To be plugged into another slave socket outlet. Shuttered. Hole pattern 37°. Material: PC/ABS.					37°
<b>CYB-PS</b>	White NCS	84/39/250	1	7332418017411	5941210
	Alu metallic			7332418017428	5941215

CYB accessories, master & slave outlet

P85701




<b>Adaptors</b>					
Adaptor including terminal block and protective cover with label window. With two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm <sup>2</sup> . To be used in combination with CYB-PS double slave socket outlet. Material: PC/ABS.					
<b>CYB-AD</b> Push-in terminal block	White NCS	84/41/37	1	7315880940055	5940050
	White RAL 9010			7315880113478	5940051
	White RAL 1013			7315880113485	5940052
	Alu metallic			7315880113492	5940053
<b>CYB-AD</b> Screw type terminal block	White NCS	84/41/37	1	7315880114857	5940055
	White RAL 9010			7315880114864	5940056
	White RAL 1013			7315880114871	5940057
	Alu metallic			7315880114888	5940058

P111573





<b>Adaptors to be fitted under the front cover</b>					
Adaptor including terminal block and protective cover to be fitted under the front cover of trunking, poles, etc. With two snap-in function strain relief devices. Allows one incoming and one outgoing cable, max. 3x2.5 mm <sup>2</sup> . Suitable for CYB-PS double slave socket outlet. Material: PC/ABS, PP.					
<b>CYB-AC</b> Push-in terminal block	White	71/35/59	1	7332418017077	5940054
	White	71/35/59	1	7332418017435	5941020
<b>CYB-AC</b> Screw type terminal block	White	71/35/59	1		


CYB accessories, master & slave outlet

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Adaptors Wieland</b>						
Adaptor for Wieland 3-pole male interface GST-18, with protective cover with label window. To be used in combination with CYB-PS double slave socket outlet. Material: PC/ABS.						
CYB-AD	White NCS	84/59/37		1	7315885940062	5940060
	White RAL 9010				7315880113508	5940061
	Alu metallic				7315880113522	5940063
Adaptor for Wieland 3-pole male interface GST-18 without cover. To be used in combination with CYB-PS double slave socket outlet. Material: PA6.						
CYB-AD	—	55/59/34		1	7315880114895	5940065
<b>Earth terminal</b>						
Earth terminal including a 25 cm cable with flat pin connector for earth connection of trunking base or cover. Suitable for triple master and double slave outlet CYB-PS. Material: PA6.						
CYB-ET	—	41/23		10	7315880113539	5961502
<b>Blank cover</b>						
Blank cover to be used in combination with master socket outlet CYB-PS. To be exchanged for double slave socket outlet when required. Material: PC/ABS.						
CYB-PL	White NCS	84/28/87		1	7315880112617	5961559
	White RAL 9010				7315885961562	5961560
	White RAL 1013				7315880112624	5961561
	Alu metallic				7315880112600	5961558
<b>End piece</b>						
End piece intended for CYB-PS master and slave socket outlets. Snap-fits on either side of the outlet and locks the outlet in the trunking. Material: PC/ABS.						
CYB-ES	White NCS	84/20.1/7		10	7315885940406	5940400
	White RAL 9010				7315880114017	5940401
	White RAL 1013				7315880114000	5940402
	Alu metallic				7315880114024	5940403
<b>End piece with label window</b>						
End piece with label window intended for CYB-PS slave socket outlets. Snap-fits on either side of the outlet. Material: PC/ABS.						
CYB-ESW	White NCS	84/20/20		1	7332418019910	5940410
	White RAL 9010				7332418019927	5940411
	White RAL 1013				7332418019934	5940412
	Alu metallic				7332418019941	5940413



CYB connection kits, outlet

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Double connection kit, outlet</b>					
Double connection kit, French standard. Intended for Belgium, Poland and France. Including socket with earthing system, box, adaptor, two strain relief devices and cover. Shuttered, screw termination. With loop terminal. Hole pattern 0/180°. Material: PC/ABS.					French 
<b>CYB-PF</b>	White NCS	84/45/110	1	7315885969216	5969210
<b>Single connection kit, outlet</b>					
Single connection kit including socket with earthing system, box, adaptor, two strain relief devices, cover and label with label window. Shuttered, push-in termination. Hole pattern 90°. Material: PC/ABS, PA.					90° 
<b>CYB-PS</b>	White NCS White RAL 9010 Alu metallic White RAL 1013	84/52/84	1	7315885975002 7315880072805 7315880079088 7315880083702	5975000 5975001 5975002 5975003
<b>Triple connection kit, outlet, European standard</b>					
Triple connection kit acc. to European standard, Class II, including socket, box, adaptor, two strain relief devices, cover and label with label window. Shuttered, with screw termination. Material: PC/ABS.					
<b>CYB-PE</b>	White NCS Alu metallic	84/46/84	1	7315885975507 7315880108221	5975500 5975502
<b>Connection kit, CEE outlet</b>					
Connection kit including single phase CEE outlet (Bals), installation box with strain relief devices, frame with label window and four screws. Material: PC.					
<b>CYB-PC</b>	White/red	82/110/82	1	7315880060543	5960105

CYB device kits, outlet/switch

<b>Device kit, outlet</b>					
Single device kit including socket with earthing system, box, adaptor and two strain relief devices. With push-in termination. Hole pattern 90°. To be combined with front cover kit. Material: PC/ABS, PA.					90° 
<b>CYB-PS</b>	White NCS	80/50/84	1	7315885975101	5975100
<b>Device kit, CEE outlet</b>					
Device kit including single phase CEE outlet (Bals) and frame with label window. To be screw-fastened on box MIB-A1 by four included screws. To be combined with front cover kit. Material: PC.					
<b>CYB-C220</b> CEE-216-6 250V/16A	Grey/blue	82/70/82	1	7315885960114	5960110
<b>CYB-C380</b> CEE-416-6 440V/16A	Grey/red	82/70/82	1	7315885960107	5960100
<b>Device kit, switch</b>					
Switch device kit including box, switch insert, adaptor and two strain relief devices. Switch-on position upwards. 250V 16A. To be combined with front cover kit. Material: PC/ABS, PA.					
<b>CYB-PB</b> 1-pole with indicating lamp 0.9 mA	White	80/50/84	1	7315880074489	5980211
<b>CYB-PB</b> 1-pole	White	80/50/84	1	7315880074465	5980201
<b>CYB-PB</b> 2-pole	White	80/50/84	1	7315880074496	5980231
<b>CYB-PB</b> 2-way	White	80/50/84	1	7315880074502	5980251
<b>CYB-PB</b> 1-pole spring-return	White	80/50/84	1	7315880074472	5980206
<b>CYB-PB</b> 2-gang	White	80/50/84	1	7315880074526	5980271
<b>CYB-PB</b> Venetian blind/ 1-pole switch	White	80/50/84	1	7315880074533	5980281
<b>CYB-PB</b> Venetian blind	White	80/50/84	1	7315880074557	5980286

CYB front cover kits. outlet/switch

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Front cover kit, outlet</b>						
Front cover kit, single, including shuttered cover plate and label with label window. To be mounted together with device kit or device unit. Material: PC/ABS.						90° 
<b>CYB-CE</b> For device kit 5975100	White NCS	84/27/84		1	7315885975606	5975600
<b>CYB-CE</b> Like the above but without shutters	Alu metallic	84/25/84		1	7315880102854	5975618
<b>CYB-CE</b> With overvoltage protector	Alu metallic	84/27/84		1	7315880102830	5975613
<b>Front cover kit, switch</b>						
Front cover kit including single or double rocker, label and label window. Switch-on position upwards or downwards, see below. To be mounted together with various device kits and units, see below. Material: PC/ABS						
<b>CYB-RC</b> Single rocker, for 1-pole, 1-pole spring-return, 2-way or intermediate switch	White NCS Alu metallic	84/27/84		1	7315885980402 7315880103806	5980400 5980403
<b>CYB-RC</b> up Single rocker, marked 1-0, for 2-pole switch	White NCS	84/27/84		1	7315880074366	5980407
<b>CYB-RC</b> Double rocker, for 2-gang or 2-pole/ 2-way switch	White NCS	84/27/84		1	7315885980433	5980430
<b>CYB-RC</b> up Double rocker with arrow symbols, for venetian blind switch	White NCS	84/27/84		1	7315880074427	5980437
<b>CYB-RC</b> up Double rocker with arrow symbols, marked 1-0, for venetian blind/1-pole switch	Alu metallic	84/27/84		1	7315880103998	5980447
<b>Connection kit, switch, one rocker</b>						
Switch connection kit including box, switch insert, adaptor, two strain relief devices, cover with one rocker and label with label window. Switch-on position downwards or upwards. 250V 16A. Material: PC/ABS.						
<b>CYB-PB</b> up 1-pole	White NCS Alu metallic	84/52/84		1	7315880074144 7315880104650	5980002 5979999
<b>CYB-PB</b> up 1 pole spring-return	White NCS	84/52/84		1	7315880074168	5980007
<b>CYB-PB</b> up 1-pole, red indicating lamp	White NC	84/52/84		1	7315880074182	5980012
<b>CYB-PB</b> down 2-pole	White RAL 1013	84/52/84		1	7315880083795	5980035
	White NCS Alu metallic	84/52/84		1	7315880074229 7315880079057	5980032 5980034

P64411



P138354



P138319



P138320



P138321



L57310



P2193



P138355

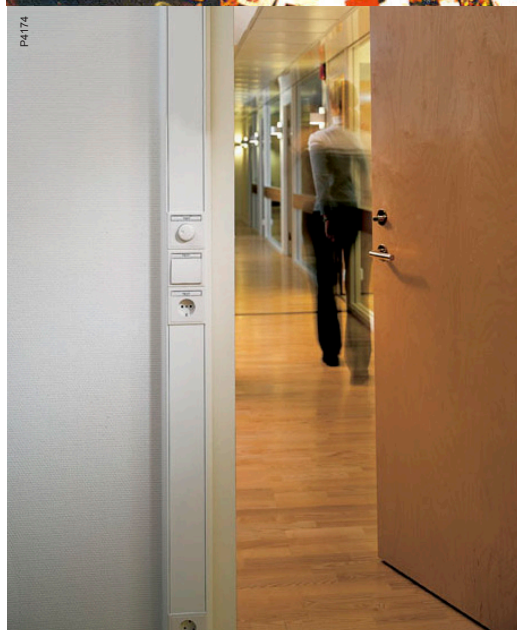


CYB connection kits, switch

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Connection kit, switch, one rocker</b>					
CYB-PB 1-pole 2-way	down	White RAL 1013	84/52/84	1	7315885980044 5980049
	up	White NCS Alu metallic	84/52/84	1	7315880074243 5980052 7315880079064 5980054
CYB-PB Intermediate	up	White NCS	84/52/84	1	7315880074267 5980062
<b>Connection kit, switch, two rockers</b>					
Switch connection kit including box, switch insert, adaptor, two strain relief devices, cover with two rockers and label with label window. Switch-on position downwards or upwards. 250V 16A. Material: PC/ABS.					
CYB-PB 2-pole 2-way	up	White NCS	84/52/84	1	7315880074328 5980057
CYB-PB 2-gang	up	White NCS	84/52/84	1	7315880074281 5980072
CYB-PB Venetian blind/1-pole switch	up	White NCS	84/52/84	1	7315880074304 5980082
CYB-PB Venetian blind	down	White RAL 9010 White RAL 1013	84/52/84	1	7315880072911 5980086 7315885980099 5980090
	up	White NCS Alu metallic	84/52/84	1	7315880074342 5980087 7315880079040 5980089

Wiring diagrams of switches

<p>D13950</p> <p>1-pole</p>	<p>D13920</p> <p>Spring-return</p>	<p>D13900</p> <p>1-pole with indication</p>	<p>D13950</p> <p>2-pole</p>	<p>D13910</p> <p>2-way</p>
<p>D13970</p> <p>Intermediate</p>	<p>D13940</p> <p>Double</p>	<p>D13980</p> <p>Venetian blind/1-pole switch</p>	<p>D13960</p> <p>2-pole 2-way</p>	<p>D13990</p> <p>Venetian blind</p>



### Description

The CYB-PR range of products is made up by products with electronic functions. It includes various types of dimmer and a speed controller.

#### Dimmers and speed controller

- For incandescent lamps there are dimmers for 300 and 550 W. They can also control electronic transformers.
- For halogen lamps there are dimmers for electronic transformers. For electronic transformer 550 VA there is a transistor dimmer.
- For fluorescent tubes the range includes dimmers to control HF units ranging from one to ten volts input.
- The speed controllers for single-phase induction motors 60–400 VA control ducting fans, flue fans, ventilation fans, etc.

#### Standards & certificates

Standards	Dimmers:	EN 55014, EN 50082-1
Certificates	CE, SEMKO, NEMKO, FIMKO	

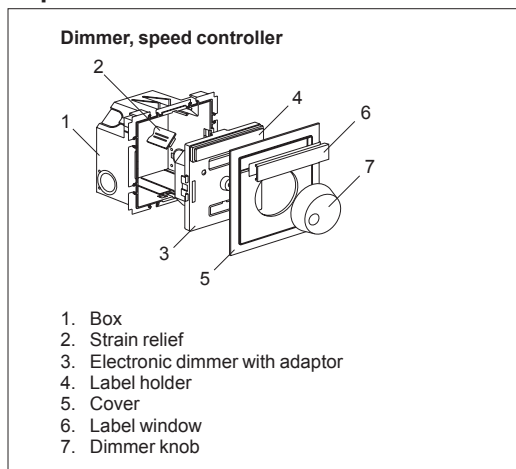
#### Operative data

Temperature range	+5°C +35°C
Suitable outdoors	No
Degree of protection	IP20

#### Material data

Box, Cover, Adaptor, Mounting frame, Mounting plates	Material	PC/ABS
	Density	1.14 g/cm <sup>3</sup>
	Water absorption	0.6%
	Volume resistivity	>10 <sup>13</sup> Ω cm
	Electrical strength	19 kV/mm
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	• White NCS 0701-G46Y • White RAL 1013 • Aluminium metallic
Device unit	Material	PA6
	Density	1.19 g/cm <sup>3</sup>
	Linear expansion	100x10 <sup>-6</sup> /°C
	Water absorption	2.8%
	Colour spec.	White
Window holder	Material	PC/ABS
	Density	1.20 g/cm <sup>3</sup>
	Water absorption	0.6%
	Volume resistivity	>10 <sup>15</sup> Ω cm
Label window	Material	PMMA
	Density	1.19 g/cm <sup>3</sup>
	Linear expansion	80x10 <sup>-6</sup> /°C
	Water absorption	0.3%
	Volume resistivity	>10 <sup>15</sup> Ω cm
	Electrical strength	30 kV/mm (DIN 53481)
Fire rating	UL 94 HB	

### Exploded views



### Performance

#### Electrical and technical data






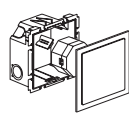
<i>Dimmer ATD300R, ATD600R</i>	Rated current:	10 A
	Rated voltage:	250 V -10%+6% 50 Hz
	Rated power:	Filament lamps 20–300 W and 20–550 W. Electronic transformers 20–310W and 20–550W. The transformer must have been approved for control purposes. <i>NOTE! Conventional transformers or other inductive loads must not be connected to the dimmer.</i>
	Protection:	The dimmer has built-in protection against short-circuits and overloads. The protection is reset automatically.
	Switch:	Single-pole/two-way push-button switch.
	Terminals:	Screw terminal, approved for bridging. One neutral marked X.
<i>Dimmer APE10T</i>	Rated voltage:	250 V -10%+6% 50 Hz
	Rated power:	For 1–50 HF units 1–10 V, like Philips, Osram, Siemens, Helvar. To be connected to the plus and minus terminals of the controllers. <i>NOTE! It is very important to maintain the correct polarity (+, -) throughout the installation.</i>
	Protection:	Precision 6.3 A fuse marked F (fast). A spare fuse is supplied in the fuse-holder.
	Switch:	Single-pole push-button switch, max. 6 A. <i>NOTE! A fluorescent tube load of max. 10x36 W or equivalent can be connected across the 6 A push-button switch of the HF controller.</i> If several fittings are to be controlled by the dimmer, the recommended method is to switch them on and off via a separate switch or an intermediate relay.
	Terminals:	Screw terminals, approved for bridging.
	Can control the following HF units:	<ul style="list-style-type: none"> <li>• Philips ETC-R, e.g. ETC236R</li> <li>• Philips BPL-D13, e.g. BPL 155 D13</li> <li>• Helvar controllable HF units – EL-AC, EL-BC and EL-HFC</li> <li>• Siemens EVD dynamics for 36 W and 58 W fluorescent tubes</li> <li>• Osram QT-DIM 1x18–2x56 W, QT-DIM 1x36–2x55 W and QT-D/E-DIM 1x16 W, 1x26 W for Delux D/F etc. and others conforming to the standard for 1–10 V control.</li> </ul>
<i>Speed controller AD400VH</i>	Rated current:	10 A
	Rated voltage:	250 V -10%+6% 50 Hz
	Rated power:	Single-phase induction motors 60–400 VA. Starting current 4 A, normal operation 2 A. <i>NOTE! The power factor of the motor must be taken into account.</i>
	Protection:	Precision 4 A fuse marked F (fast). Spare fuse is supplied in the fuse-holder.
	Switch:	Single-pole rotary switch.
	Terminals:	Screw terminals.

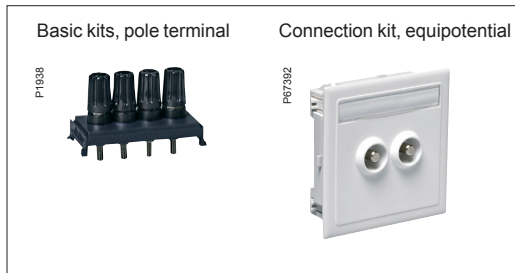
### Mounting instructions

Mounting instructions are enclosed with each product respectively.

Product	Art.No.
ATD300R	20003048
ATD600R	20003670
APE10T	20003671
AD400VH	20003673

**CYB-PR Dimmers, Speed controller, Power supply kit**

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.		
<b>Connection kit, dimmer, 550 W and 300 W</b>							
Dimmer 550 W (ATD600R) for incandescent lamps 20–550 W and low-voltage halogen lamps with electronic transformer 20–550 W (which must be approved and suitable for use with a dimmer). The dimmer must not be used together with conventional transformers or any other inductive load. In a traditional staircase (two-way) circuit, only one of the two-way switches can be replaced by a dimmer. The dimmer has built-in protection against short-circuits and overloading. Resets automatically. Material: PC/ABS, PMMA.							
P3799		<b>CYB-PR</b>	Alu metallic	84/60/84	1	7315880079002	5985012
For front 80 mounting							
<b>Connection kit, dimmer, 300 W</b>							
Dimmer 300 W (ATD300R) for incandescent lamps 20–300 W and low-voltage halogen lamps with electronic transformer 20–310 W (which must be approved and suitable for use with a dimmer). The dimmer must not be used together with conventional transformers or any other inductive load. In a traditional staircase (two-way) circuit, only one of the two-way switches can be replaced by a dimmer. The dimmer has built-in protection against short-circuits and overloading. Resets automatically. Material: PC/ABS, PMMA.							
P3799		<b>CYB-PR</b>	White NCS	84/60/84	1	7315885985001	5985000
For front 80 mounting							
<b>Connection kit, dimmer, APE10T</b>							
Dimmer 1-10 V (APE10T) for fluorescent light fittings with controllable HF units, rating 1–10 V. 1–50 HF units can be controlled. The positive and negative poles of the dimmer must be connected to the positive and negative poles of the HF unit. Poles 1 and 2 of the switches are wired to switch the fittings on and off. The break function is rated at max. 6 A (max. 360 W fluorescent tube rating). If the load is higher, the break function can control a relay coil instead. Note that the fluorescent tubes must <u>not</u> go out at the minimum setting of the dimmer. Material: PC/ABS, PMMA.							
P3799		<b>CYB-PR</b>	White NCS Alu metallic	84/60/84	1	7315885985025 7315880078999	5985020 5985022
For front 80 mounting							
<b>Connection kit, speed controller</b>							
Speed controller 400 VA (AD400VH) for the control of induction motors. The motor speed is controlled via the regulated phase, marked with a sine wave and an arrow. For single-phase induction motors 60–400 VA. Material: PC/ABS, PMMA.							
P3799		<b>CYB-PR</b>	White NCS	84/60/84	1	7315885985049	5985040
For front 80 mounting							
<b>Device unit, dimmer 1-10 V</b>							
Device unit 1-10 V (APE10T) including electronic dimmer with adaptor, to be combined with front cover kit CYB-FR1. Dimmer for fluorescent light fittings with controllable HF units, rating 1–10 V. 1–50 HF units can be controlled. The positive and negative poles of the dimmer must be connected to the positive and negative poles of the HF unit. Poles 1 and 2 of the switches are wired to switch the fittings on and off. The break function is rated at max. 6 A (max. 360 W fluorescent tube rating). If the load is higher, the break function can control a relay coil instead. Note that the fluorescent tubes must not go out at the minimum setting of the dimmer. Material: PA6.							
P139324		<b>CYB-PR</b>	White	68/38/72	1	7315885985315	5985310
<b>Power supply kit</b>							
Power supply kit for 4xLexCom home switch. Input 230 VAC and output 12 VDC, 0.5A. Including box with strain relief, terminal block, power supply device and cover. Material: PC/ABS.							
P72822		<b>CYB-PR</b>	White NCS	84/41.2/84	1	7315885972704	5972700



### Description

#### Basic kit, pole terminal

The product consists of a mounting plate to be mounted in CYB-BK flat or angled cover. The mounting plate includes four pole terminals which are connected to one another by an earth rail.

Connection to the pole terminals can be made according to the following:

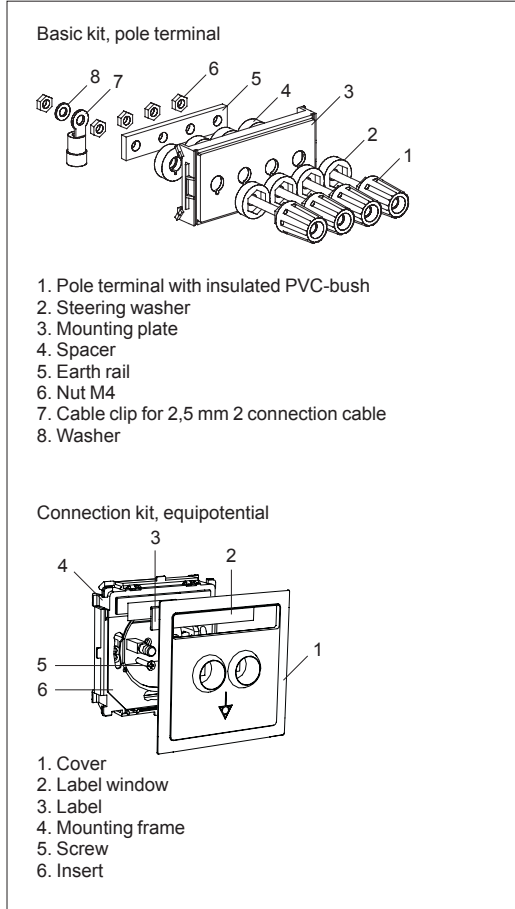
- 1 Pole terminal with 4 mm terminal tags.
- 2 Cable clip with a minimum opening of 5 mm.
- 3 Connection cable with a maximum core diameter of 2 mm.

#### Connection kit, equipotential

The product consists of cover, mounting frame and a steel insert including two pole terminals.

Connection to the pole terminals can be made with the Thorsman plug CTA-PO. Maximum earth cable size 4x16 mm<sup>2</sup>.

### Exploded views

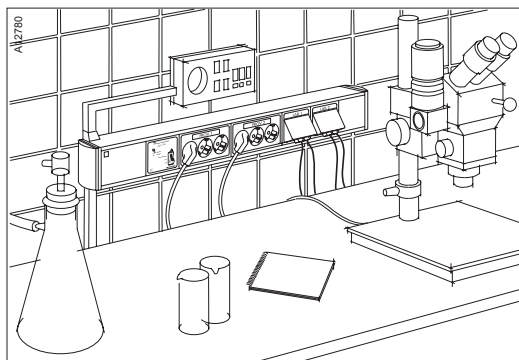


### Material data

Basic kits		
Mounting plate	Material	PC/ABS
	Density	1.14 g/cm <sup>3</sup>
	Linear expansion	70x10 <sup>-6</sup> /°C
	Water absorption	0.6%
	Volume resistivity	>10 <sup>13</sup> Ω cm
	Dielectric strength	19 kV/mm
	Fire rating	UL 94 HB halogen-free
	Colour spec.	Greyish-black NCS 7603-R74B
Earth rail DIN		
	Material	Copper ISO Cu-OF, SS 5011-04, OF-Cu, BS C103
	Density	8.9 g/cm <sup>3</sup>
Connection kit, equipotential		
Cover, mounting frame	Material	PC/ABS
	Density	1.14 g/cm <sup>3</sup>
	Linear expansion	70x10 <sup>-6</sup> /°C
	Water absorption	0.6%
	Volume resistivity	>10 <sup>13</sup> Ω cm
	Dielectric strength	19 kV/mm
	Fire rating	UL 94 HB halogen-free
	Colour spec. cover	<ul style="list-style-type: none"> <li>• white NCS 0701-G46Y</li> <li>• white RAL 9010</li> <li>• white RAL 1013</li> <li>• grey NCS S 5502-B</li> </ul>
Insert	Material	Steel
Operative data		
Temperature range	From -40°C to +70°C	
Suitable outdoors	No	

### CYB-PO Basic and connection kits

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Basic kit, pole terminal</b>					
Basic kit including mounting plate with pole terminals, for equipotential function. Intended for flat or angled covers CYB-BK. Material: PC/ABS, copper.					
<b>CYB-PO</b>	Greyish-black	44/32/67	1	7315880060611	5971831
<b>Connection kit, equipotential</b>					
Connection kit including cover with label window and label, mounting frame and insert with two pole terminals. Termination with earth cable H05V-K, maximum 4x16 mm <sup>2</sup> . According to standard DIN 42801. Intended for products with front opening F80. Material: PC/ABS, steel.					
<b>CYB-PO</b>	White RAL 9010 White NCS	84/28/84	1	7315885971318 7315880062585	5971311 5971315



### Description

CYB-PP connection kit with overvoltage protector is adjusted to 230 VAC and mains type TN or IT, and is integrated in the CYB-S40 box. The protector is intended for individual workplaces, not for entire house properties or plants.

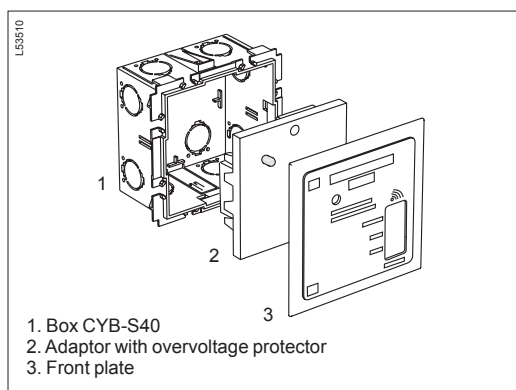
The protector has a built-in acoustic alarm and external indication of power and overloading. The acoustic alarm is controlled by a switch mounted in the front.

The protector can also be supervised in quiescent current e.g. for connection to surveillance centres.

### Standards

- EMC – EN 50082-2 (Generic standard, Immunity Industrial environment)
- EMC – EN 50081-1 (Generic standard, Emission Residential/Commercial environment)
- EN 60669-1 (Safety standard)

### Exploded view



1. Box CYB-S40
2. Adaptor with overvoltage protector
3. Front plate

### Approvals

Approved acc. to Proposal DIN VDE 0675 Teil 6/11.89 for Class C.  
Fulfills requirements acc. to the EMC and LV directives (CE-marked).

### Electrical data

Mains type	TN
Supply voltage/current	230 VAC 50/60 Hz, 16 A
Max. surge current at pulse shape 8/20µs	5 kA
Max. connection cable area	2.5 mm <sup>2</sup> FK, 4.0 mm <sup>2</sup> EK
Cut-off voltage	L–N 1100 V
	L–PE 800 V
	N–PE 800 V
Quiescent current supervision	20 mA

### Material data

Box CYB-S40	Material	PC (polycarbonate)
	Density	1.17 g/cm <sup>3</sup>
	Linear expansion	70x10 <sup>-6</sup> /°C
	Water absorption	0.6 %
	Fire rating	UL 94 V-0 (1.6 mm halogen-free)
	Colour spec.	White NCS 0502-Y
Front plate	Material	ASA
	Density	1.07 g/cm <sup>3</sup>
	Linear expansion	95x10 <sup>-6</sup> /°C
	Water absorption	0.45 %
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	• White NCS 0701-G46Y • Aluminium metallic
Adaptor for overvoltage protector	Material	PA (polyamide)
	Density	1.35 g/cm <sup>3</sup>
	Linear expansion	40x10 <sup>-6</sup> /°C
	Water absorption	1.7 %
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	Black NCS 9500

### Operative data

Temperature range	From 0°C to +50°C
Suitable outdoors	No
Degree of protection	IP 20
Estimated min. length of service	At least 10 years




### Mounting instruction

Mounting instructions are enclosed with the product.

20045752, Termination guide – SE, GB, DE, FI

20047062, Termination guide – NO

CYB-PP Connection & basic kits, overvoltage protector

Type	Colour	Dimensions A/B/C (mm)	 Qty per package	EAN code	Ref. No.		
<b>Connection kit, mains type TN</b>							
Connection kit including box, overvoltage protector and front plate with text in various languages. For mains type TN. To be used for protection of connected electric equipment against overvoltage. Material: PC, PA, ASA.							
P4081		<b>CYB-PP</b>	White NCS	84/53/84	1	7315885972049	5972040
		Swedish text	Alu metallic			7315880104933	5972041
P4081		<b>CYB-PP</b>	Alu metallic	84/53/84	1	7315880104926	5972012
		English text					
<b>Connection kit, mains type IT</b>							
Connection kit including box, overvoltage protector and front plate with Norwegian text. For mains type IT. To be used for protection of connected electric equipment against overvoltage. Material: PC, PA, ASA.							
		<b>CYB-PP</b>	White NCS	84/53/84	1	7315880094654	5972035



**Description**

CYB-PN product range includes a 4-module enclosure for mounting in service carriers with front F80®.

**4-module enclosure with hinged lid**

4-module enclosure that can handle between one and four DIN modules, provided with a hinged lid for protection of the DIN devices and available with or without locking function of the lid. For both horizontal and vertical mounting.

**Standards**

DIN VDE.

**Approvals**

Approved by VDE and SEMKO.

**Material data**

CYB-PN	Material	PC/ABS
	Density	1.14 g/cm <sup>3</sup>
	Linear expansion	70x10 <sup>-6</sup> /°C
	Water absorption	0.6%
	Colour spec.	<ul style="list-style-type: none"> <li>• White NCS 0701-G46Y</li> <li>• White RAL 9010</li> <li>• White RAL 1013</li> <li>• Grey NCS S 5502-B</li> </ul>

**Electrical data**

CYB-PN	16 A, 400 V
	Maximum cable size = 5x2.5 mm <sup>2</sup>

**Operative data**

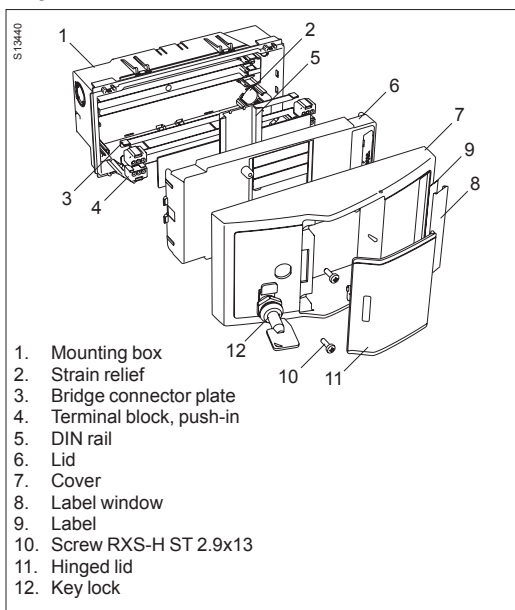
Temperature range:	From -25° to +40°C
Suitable outdoors:	No
Degree of protection:	IP20

**Mounting instructions**

Mounting instructions are enclosed with the products.

CYB-PN	Art. No. 20017192
--------	-------------------

**Exploded view**



**DIN enclosures**

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>4-module DIN enclosure with hinged lid</b>					
4-module DIN enclosure intended for snap-in mounting in service carriers with front F80®. The enclosure is suitable for 1–4 DIN modules and has a hinged lid to protect the devices. Material: PC/ABS.					
<b>CYB-PN</b>	White RAL 9010	84/86/168	1	7315885960251	5960250
	White NCS			7315880083986	5960251
	White RAL 1013			7315880094616	5960252
Same as the above but with keylock and keys to lock the lid. Material: PC/ABS.					
<b>CYB-PN</b>	White RAL 9010	84/86/168	1	7315880083993	5960255



**Description**

Mounting boxes CYB-S30 and D30 are provided with screw pillars M3.5 and meet British standard for the mounting of screw-fastened standard outlets. They are available in two sizes, single box S30 and double box D30, with a box depth of 30 mm.

Mounting boxes CYB-S40 and D40 have no screw pillars for standard devices. However, in combination with screw pillar CYB-P40, available as an accessory, the boxes will fulfil British standard.

Thorsman frameless CYB outlets for the UK market, as well as standard outlets can be installed in the boxes.

In the single box outlets can be mounted either vertically or horizontally.

**Standards**

Mounting boxes: BS 4662:1970  
Standard power outlets: BS 1363:1984

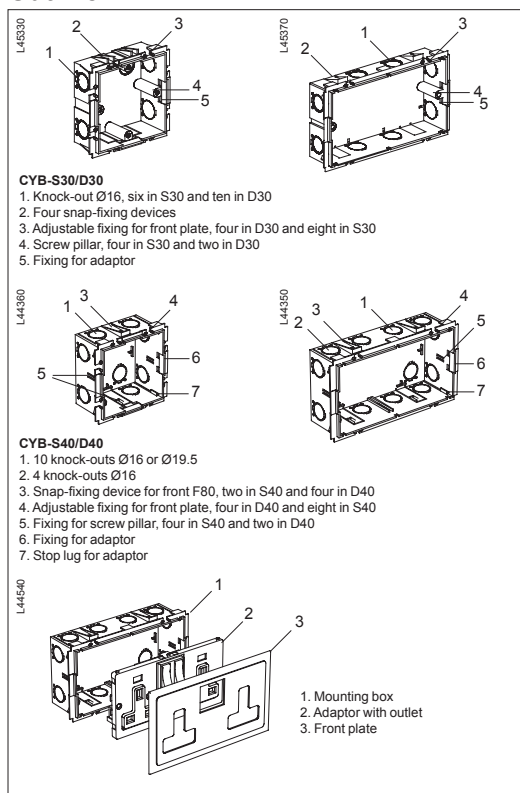
**Approvals**

Dual master telephone outlet has been approved by British Telecom.

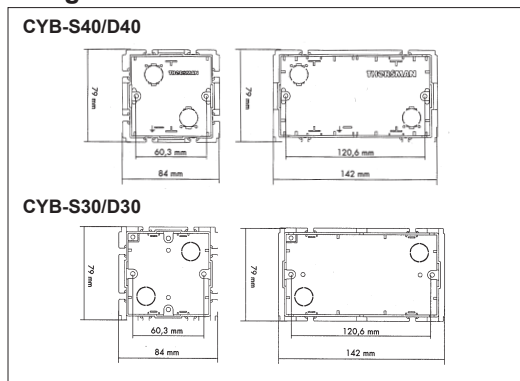
**Material data**

Mounting box	Material	PC (polycarbonate)
	Density	1.17 g/cm <sup>3</sup>
	Linear expansion	70x10 <sup>-6</sup> m/m°C
	Water absorption	0.6%
	Volume resistivity	>10 <sup>13</sup> Ω cm
	Dielectric strength	18 kV/mm
	Fire rating	UL 94 V-0 (1,6 mm halogen-free)
Screw pillar	Colour spec.	White NCS 0502-Y
	Material	PA.6 (polyamide), 15% glass-fibre
	Density	1.25 g/cm <sup>3</sup>
	Linear expansion	70x10 <sup>-6</sup> m/m°C
	Water absorption	2.3%
	Volume resistivity	>10 <sup>13</sup> Ω cm
	Dielectric strength	65 kV/mm
Adaptor	Fire rating	UL 94 HB
	Colour	White
	Material	PA (polyamide)
	Density	1.35 g/cm <sup>3</sup>
	Linear expansion	40x10 <sup>-6</sup> m/m°C
	Water absorption	1.7%
	Volume resistivity	>10 <sup>12</sup> Ω cm
Front plate	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	Black NCS 9500
	Material	ASA
	Density	1.07 g/cm <sup>3</sup>
	Linear expansion	95x10 <sup>-6</sup> m/m°C
	Water absorption	0.45%
	Volume resistivity	>10 <sup>14</sup> Ω cm
Front plate	Dielectric strength	90 kV/mm
	Fire rating	UL 94 HB (halogen-free)
	Colour spec.	• White NCS 0701-G46Y • Grey NCS S 5502-B

**Outline**



**Design and dimensions**



**Operative data**

Temperature range	From +80°C to -40°C
Suitable outdoors	No
Degree of protection	IP20
Restrictions	Only for use in products with front F80
Environmental sensitivity	Direct contact with solvents


**Compatibility**

Not suitable for Products with other front opening than F80 or with a depth below 52 mm (S40/D40) and 42 mm (S30/ D30).










**Mounting instruction**

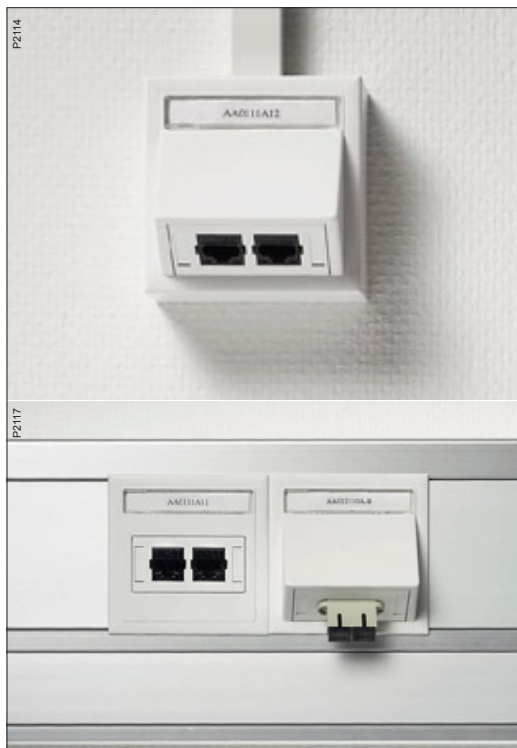
Mounting instruction is enclosed with the product.  
20045812 CYB-PU

Mounting boxes with accessories, blank cover

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Mounting box, double</b>						
Front-mounted and snap-fastened mounting box with 14 entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side, four on each long side and two at the bottom. Ten of the entries can be increased to Ø 19,5 mm for pipe connection. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU and CYB-PL. Material: PC.						
<b>CYB-D40</b>	White NCS	79/44/142		10	7315880043867	5961035
<b>Mounting box, single</b>						
Front-mounted and snap-fastened mounting box with ten entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two per short side, two per long side and two at the bottom. They can be increased to Ø 19,5 mm for pipe connection. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU, CYB-PL and CYB-DP. Material: PC.						
<b>CYB-S40</b>	White NCS	79/44/84		10	7315885961036	5961030
<b>Mounting box with screw pillars, double</b>						
Front-mounted and snap-fastened mounting box with ten entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side, two on each long side and two at the bottom. Two screw pillars M 3.5 for screw-fastened standard devices with a centre distance of 120.6 mm. At the bottom of the box there is room for earth terminal CYB-ET. To be used in conjunction with CYB-PU, CYB-PL and outlets according to British Standard. Material: PC.						
<b>CYB-D30</b>	White NCS	79/32/142		10	7315880046943	5961005
<b>Mounting box with screw pillars, single</b>						
Front-mounted and snap-fastened mounting box with six entries Ø 16 mm, adapted to snap-fastened strain relief devices and conduit bush. The entries are two on each short side and two at the bottom. Four screw pillars M 3.5 for screwfastened standard devices with a centre distance of 60,3 mm. At the bottom of the box there is room for earth terminal CY-BET. To be used in conjunction with CYB-PU, CYB-PL, CYB-DP and outlets according to British Standard. Material: PC.						
<b>CYB-S30</b>	White NCS	79/32/84		10	7315885961005	5961000
<b>Screw pillar for mounting box</b>						
Screw pillar with thread bush M 3.5, to be snap-fastened in mounting box CYB-S40 and CYB-D40. For the mounting of screw-fastened standard outlets. Material: PA6, 15% glass-fibre.						
<b>CYB-P40</b>	White	14/12/37		20	7315880044352	5961505
<b>Blank cover</b>						
Snap-fastened blank cover, including adaptor and front plate. To be used as a blank cover for future expansion or own hole-making. To be mounted in double box CYB-D40/CYB-D30 or single box CYB-S40/CYB-S30. Material: PA, ASA.						
<b>CYB-PL</b> For double box CYB-D40/D30	White NCS	84/12/142		1	7315880043874	5961555
<b>CYB-PL</b> For single box CYB-S40/S30	White NCS	84/12/84		1	7315885961555	5961550

Outlets

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Single outlet kit, standard, 13 A</b>						
Single basic outlet kit standard 13 A, including adaptor with outlet and front plate. The outlet can be mounted either horizontally or vertically in single box CYB-S40 or CYB-S30. Material: PA, ASA.						
 P138329	<b>CYB-PU</b> Without switch	White NCS	84/25/84	1	7315885961334	5961230
 P138328	<b>CYB-PU</b> With switch	White NCS	84/30/84	1	7315885961227	5961220
 P60472	<b>CYB-PU</b> With switch and indication lamp	White NCS	84/30/84	1	7315885961241	5961240
<b>Twin outlet kit, standard, 13 A</b>						
Twin basic outlet kit standard 13 A, including adaptor with outlet and front plate. To be mounted in double box CYB-D40 or CYB-D30. Material: PA, ASA.						
 P138331	<b>CYB-PU</b> Without switch	White NCS	84/25/142	1	7315880043928	5961235
 P138332	<b>CYB-PU</b> With switch	White NCS	84/30/142	1	7315880043911	5961225
 P138333	<b>CYB-PU</b> With switch and indication lamp	White NCS	84/30/142	1	7315880044239	5961245
<b>Outlet kit, telephone/data</b>						
Basic outlet kit with shutter, including adaptor and front plate, for snap-fastened LJU6C and RJ45. The outlet can be mounted either horizontally or vertically. Suitable for CYB-S40 and CYB-S30. Material: PA, ASA.						
 P138330	<b>CYB-DP</b> LJU6C/RJ45, single	White NCS	84/12/84	1	7315885961777	5961770
 P138336	<b>CYB-DP</b> LJU6C/RJ45, dual	White NCS	84/12/84	1	7315880053293	5961775



### Description

CYB low voltage service content system is designed to fit service carriers with F80® front opening. In addition, it can be mounted on the wall or installed in an apparatus box.

The system is frameless and boxless and is made up by snap-fitted covers with mounting plates and connectors. The covers are available in angled or flat design.

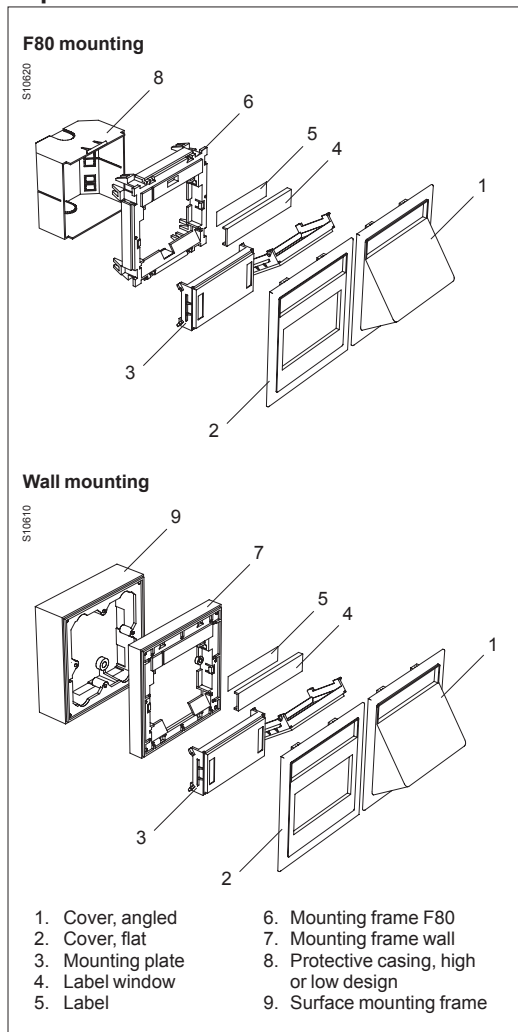
The mounting kits CYB-BK include mounting frame, cover, label and label window.

Put together with various mounting plates and connectors the mounting kits make complete connection kits.

### Material data

Cover in RAL-specified colour	Material	PC/ABS	
	Density	1.14 g/cm <sup>3</sup>	
	Linear expansion	70x10 <sup>-6</sup> m/m°C	
	Water absorption	0.6%	
	Volume resistivity	>10 <sup>13</sup> Ω cm	
	Dielectric strength	19 kV/mm	
	Fire rating	UL 94 HB (halogen-free)	
Colour	<ul style="list-style-type: none"> <li>• White RAL 9010 ≈ NCS 0502-Y14R</li> <li>• White RAL 1013</li> </ul>		
Other covers, wall mounting frame	Material	ASA	
	Density	1.07 g/cm <sup>3</sup>	
	Linear expansion	95x10 <sup>-6</sup> m/m°C	
	Water absorption	0.45%	
	Volume resistivity	>10 <sup>14</sup> Ω cm	
	Dielectric strength	90 kV/mm	
	Fire rating	UL 94 HB (halogen-free)	
Colours	<ul style="list-style-type: none"> <li>• White = NCS 0701-G46Y</li> <li>• Light grey = NCS 1902-Y24R</li> <li>• Greyish-black = NCS 7603-R74B</li> <li>• Aluminium metallic</li> </ul>		
Box CYB-S40	Material	PC (polycarbonate)	
	Density	1.17 g/cm <sup>3</sup>	
	Linear expansion	70x10 <sup>-6</sup> m/m°C	
	Water absorption	0.6%	
	Fire rating	UL 94 V-0 (1.6 mm halogen-free)	
	Colour spec.	White NCS 0502-Y	
Mounting frame for F80 products, mounting frame for installation boxes	Material	PC/ABS	
	Density	1.14 g/cm <sup>3</sup>	
	Linear expansion	70x10 <sup>-6</sup> m/m°C	
	Water absorption	0.6%	
	Volume resistivity	>10 <sup>13</sup> Ω cm	
	Dielectric strength	19 kV/mm	
	Fire rating	UL 94 HB (halogen-free)	
Colour	<ul style="list-style-type: none"> <li>• White NCS 0701-G46Y</li> <li>• White RAL 9010 (only frame for installation boxes)</li> </ul>		
Mounting plates, front plates	Material	PC/ABS	
	Density	1.14 g/cm <sup>3</sup>	
	Linear expansion	70x10 <sup>-6</sup> m/m°C	
	Water absorption	0.6%	
	Volume resistivity	>10 <sup>13</sup> Ω cm	
	Dielectric strength	19 kV/mm	
	Fire rating	UL 94 HB (halogen-free)	
	Colour mounting plates	<ul style="list-style-type: none"> <li>• White = NCS 0701-G46Y</li> <li>• White RAL 9010 ≈ NCS 0502-Y14R</li> <li>• White RAL 1013</li> <li>• Greyish-black = NCS 7603-R74B</li> </ul>	
Colour front plates	<ul style="list-style-type: none"> <li>• White = NCS 0701-G46Y</li> <li>• White RAL 9010 ≈ NCS 0502-Y14R</li> </ul>		
Adaptor for overvoltage protector (CYB-DS)	Material	PA (polyamide)	
	Density	1.35 g/cm <sup>3</sup>	
	Linear expansion	40x10 <sup>-6</sup> m/m°C	
	Water absorption	1.7%	
	Fire rating	UL 94 HB (halogen-free)	

### Exploded views



### Material data, cont.

Surface mounting frame	Material	ASA
	Density	1.07 g/cm <sup>3</sup>
	Linear expansion	95x10 <sup>-6</sup> m/m°C
	Water absorption	0.45%
	Volume resistivity	>10 <sup>14</sup> Ω cm
	Dielectric strength	90 kV/mm
	Fire rating	UL 94 HB (halogen-free)
	Colour	<ul style="list-style-type: none"> <li>• White = NCS 0701-G46Y</li> <li>• Light grey = NCS 1902-Y24R</li> <li>• Greyish-black = NCS 7603-R74B</li> </ul>
Label window	Material	PMMA N8
	Density	1.19 g/cm <sup>3</sup>
	Linear expansion	80x10 <sup>-6</sup> m/m°C
	Water absorption	0.3%
	Volume resistivity	>10 <sup>15</sup> Ω cm
	Dielectric strength	30 kV/mm (DIN 53481)
Fibre spool	Material	PE-HD
	Density	0.95 g/cm <sup>3</sup>
Protective casings CYB-RK, CYB-DF	Material	PP (polypropylene)
	Density	0.905 g/cm <sup>3</sup>
	Linear expansion	100x10 <sup>-6</sup> m/m°C
	Water absorption	<0.1%
	Volume resistivity	10 <sup>2</sup> Ω cm
	Dielectric strength	>30 kV/mm
Colour	Fire rating	UL 94 HB (halogen-free), withstands glow-wire test 750°
	Colour	<ul style="list-style-type: none"> <li>• Red = NCS 2080-Y80R</li> <li>• White = NCS 0500 (fibre)</li> </ul>

### Operative data




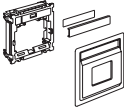








Temperature range:	From -40°C to +80°C (except CYB-DS, connection kit with overvoltage protector, which is suited for a temperatur range between 0°C and +50°C)
Suitable outdoors:	Not suitable

### Mounting instructions





Mounting instructions are enclosed with the products.

CYB-BK7/BK11	Art.No. 20038057 printed on the plastic bag
CYB-BK12	Art.No. 20043829 printed on the plastic bag
CYB-BK13	Art.No. 20043830 printed on the plastic bag





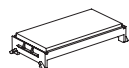
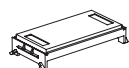

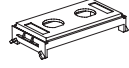
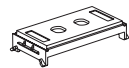
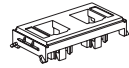
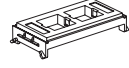
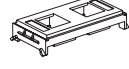

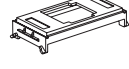
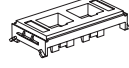
Mounting kits




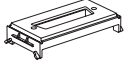
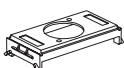
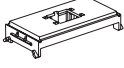
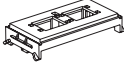
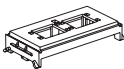
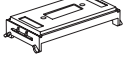

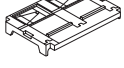
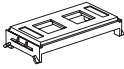
Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>For F80® mounting</b>						
Mounting kit including F80 mounting frame, snap-fitted cover in angled or flat design, label window and label. For mounting in service carriers with 80 mm front. Material: See Material data on previous pages.						
<b>CYB-BK1</b>	White NCS	84/50/84		1	7315885970007	5970000
	White RAL 9010				7315880042655	5970003
	Alu metallic				7315880079125	5970004
	White RAL 1013				7315880083863	5970005
<b>CYB-BK2</b>	White NCS	84/25/84		1	7315885970021	5970020
	Greyish-black				7315880040286	5970022
	White RAL 9010				7315880042679	5970023
	Alu metallic				7315880079118	5970024
<b>CYB-BK5</b>	White NCS	84/29/84		1	7315885970083	5970080
White RAL 9010	7315880056775	5970083				
<b>CYB-BK6</b>	White NCS	84/25/84		1	7315885970090	5970090
	White RAL 9010				7315880067856	5970093
<b>CYB-BK7</b>	White NCS	84/30/84		1	7315885970106	5970100
	Alu metallic				7315880101857	5970104
<b>CYB-BK8</b>	White NCS	84/25/84		1	7315880084426	5970105
	White RAL 9010				7315880084433	5970106
	Alu metallic				7315880104322	5970107
<b>CYB-BK9</b>	White NCS	84/25/84		1	7315885970113	5970110
	Alu metallic				7315880104339	5970112
<b>CYB-BK10</b>	White NCS	84/25/84		1	7315880084457	5970115
	White RAL 9010				7315880084464	5970116
<b>CYB-BK11</b>	White NCS	84/25/84		1	7315885970120	5970120
<b>CYB-BK12</b>	White NCS	84/22/84		1	7315885970137	5970130
	Alu metallic				7315880108252	5970133
<b>CYB-BK12NL</b>	White RAL 9010	84/22/84		1	7315880109358	5970135
	White RAL 1013				7315880109365	5970136



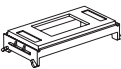
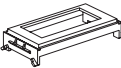
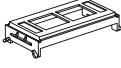
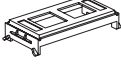


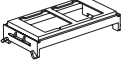
Mounting kits

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>For F80® mounting</b>						
Mounting kit including holder, snap-fitted flat cover, two label windows and two labels. Intended for LexCom Home switch 4+1 port, 10/100 Mbps. Requires 12V DC external power supply. For snap-fitting in service carriers with 80 mm front opening. NOTE! Not compatible with TAS+. Material: Holder = Steel, Cover = PC/ABS.						
P64400 	<b>CYB-BK13</b>	White NCS	84/35/84	1	7315885970144	5970140
		Alu metallic			7315880108351	5970143
<b>For wall mounting</b>						
Mounting kit including wall mounting frame, snap-fitted cover in angled or flat design, label window and label. For mounting directly on the wall or by means of a surface mounting frame, or on a recessed box (c/c 60 mm). Material: See Material data on previous pages.						
P3714 	<b>CYB-BK3</b>	White NCS	84/40/84	1	7315885970045	5970040
P3715 	<b>CYB-BK4</b>	White NCS	84/13.5/84	1	7315885970069	5970060


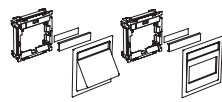










Mounting plates

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.		
<p>Mounting plates with various hole patterns, intended for use with mounting kits CYB-BK and with OptiLine 50 angled basic kit for CYB plates. The plates are available in three versions; with label holder, without label holder and with built-in shutter. Plates with shutter only fit CYB-BK6.</p> <p>All plates except those with built-in shutter for CYB-BK6 can be mounted angled or flat, and they can all be fitted without tools.</p> <p>Material: PC/ABS.</p>							
							
  							
<b>Blank plates</b>							
L21100		<b>CYB-MP1</b> Blank plate without label holder, for future expansion or for hole cutting by client	Greyish-black White RAL 9010 White NCS	12/32/66	10	7315885971806 7315885971851 7315885971707	5971800 5971850 5971700
L21110		<b>CYB-MP2</b> Blank plate with label holder, for future expansion or for hole cutting by client	White NCS	12/32/66	10	7315880052791	5971701
<b>BNC, TNC, EAE</b>							
L21120		<b>CYB-DC</b> Keyed hole for 1 x BNC, TNC, EAE, with label holder	White	12/32/66	10	7315880052807	5971705
L21130		<b>CYB-DC</b> Keyed double holes for 2 x BNC, TNC or EAE-2, with label holder	White	12/32/66	10	7315880052814	5971706
L21150		<b>CYB-DC</b> Keyed double holes for 2 x F or ST, with label holder, for cable TV nets or fibre	White NCS	12/32/66	10	7315880052838	5971708
<b>Thomas &amp; Betts</b>							
L21180		<b>CYB-DP</b> Thomas & Betts for 2 x 8-position modular jack STP, UTP and blind plug, with label holder	White NCS	17/32/66	10	7315880052852	5971711
<b>Lucent</b>							
L21190		<b>CYB-DP</b> Lucent for 2 x 8-position modular jack UTP and blind plug, with label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	12/32/66	10	7315880040125 7315880042303 7315880052869 7315880083887	5971809 5971859 5971712 5971955
<b>AMP NetConnect</b>							
L21200		<b>CYB-DP</b> AMP NetConnect for 2 x 8-position modular jack UTP Category 3 and blind plug, with label holder	White NCS	12/32/66	10	7315880052876	5971713
<b>AMP NetConnect</b>							
L21210		<b>CYB-DP</b> AMP NetConnect for 2 x 8-position modular jack STP, UTP, Krone Keystone UTP/STP and blind plug, with label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	12/32/66	10	7315880040149 7315880042310 7315880052883 7315880083917	5971812 5971861 5971714 5971958
<b>IBM</b>							
L21220		<b>CYB-DP</b> 1 x IBM cable system connector type 1, with label holder	White NCS	12/32/66	10	7315880052890	5971715
L66180		<b>CYB-DP</b> 2 x IBM GFP (Global Foot Print), with label holder	White NCS	12/32/66	10	7315880101963	5971744




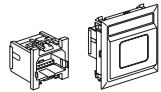





Mounting plates							
	Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>1 x D-sub</b>							
L21280	 <b>CYB-DP</b> 1 x D-sub 9 pole, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66		10	7315880040156 7315880042365 7315880052937	5971813 5971866 5971719
L21270	 <b>CYB-DP</b> 1 x D-sub 15 pole, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66		10	7315880040163 7315880042372 7315885971721	5971814 5971867 5971720
L21280	 <b>CYB-DP</b> 1 x D-sub 25 pole, without label holder	White NCS	12/32/66		10	7315880052944	5971721
<b>XLR, universal type</b>							
L21280	 <b>CYB-DP</b> 1 x XLR, universal type (male and female fit in the same hole pattern), with label holder	Greyish-black White RAL 9010 White NCS	12/32/66		10	7315880040200 7315880042396 7315880052951	5971818 5971869 5971722
<b>Modular Jack UTP &amp; STP, Reichle &amp; De-Massari</b>							
L21320	 <b>CYB-DP</b> 1 x 8-position modular jack UTP & STP, Reichle & De-Massari, without label holder	White NCS	18/32/66		10	7315880053019	5971728
L21330	 <b>CYB-DP</b> 2 x 8-position modular jack UTP & STP, Reichle & De-Massari, without label holder.	Greyish-black White RAL 9010 White NCS	18/32/66		10	7315880042457 7315880042426 7315880053026	5971824 5971873 5971729
<b>1 port module, Reichle &amp; De-Massari, FreeNet</b>							
L21330	 <b>CYB-DP</b> 2 x 1 port module from Reichle & De-Massari, FreeNet, without label holder	Greyish-black White RAL 9010 White NCS White RAL 1013	18/32/67		10	7315880078951 7315880078968 7315880078944 7315880083894	5971841 5971888 5971741 5971956
<b>SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor</b>							
L54660	 <b>CYB-DF</b> 1 x SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor, with label holder	White NCS	12/32/66		10	7315885971738	5971730
L54670	 <b>CYB-DF</b> 2 x SC Duplex from AMP, Molex, Lucent Tech (Lucent), Dätwyler, Siecor, with label holder	White NCS	12/32/66		10	7315880053033	5971731
<b>2 x 8-position modular jack, only for mounting in CYB-BK6</b>							
L55150	 <b>CYB-DP</b> AMP NetConnect, Krone KM8 and others, 2 x 8-position modular jack STP, UTP, with integrated shutters.	White NCS White RAL 9010	11/43/66		10	7315880067498 7315880067535	5971732 5971879
	<b>CYB-DP</b> Like the above but for Lucent tech. Systimax, M-series, 2 x 8-position modular jack UTP	White NCS	14/43/66		10	7315880067504	5971733
	<b>CYB-DP</b> Like the above but for Krone K8, PremisNet, Keystone 2 x 8-position modular jack STP, UTP	White NCS White RAL 9010	14/43/66		10	7315880067528 7315880067597	5971735 5971882
<b>Alcatel 8-pole modular jack type LAN</b>							
L63660	 <b>CYB-DP</b> Alcatel 8-pole modular jack type LAN mark-6, with label holder	Greyish-black White RAL 9010 White NCS	12/32/66		10	7315880097433 7315880097464 7315880097440	5971842 5971889 5971742

Mounting plates							
	Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Panduit MINI-COM™, Mini-Jack or Opto-Jack</b>							
L55120		<b>CYB-DP</b>	Greyish-black	21/32/66	10	7315880066736	5971837
		2 x Panduit MINI-COM™, Mini-Jack or Opto-Jack, with label holder	White RAL 9010			7315880066729	5971884
			White NCS			7315880066712	5971737
			White RAL 1013			7315880083900	5971957
<b>Siemon MX</b>							
L57180		<b>CYB-DP</b>	Greyish-black	12/32/66	10	7315880073918	5971839
		Siemon MX modular outlet, also suitable for Siemon SC/SC duplex fibre outlet, with label holder	White RAL 9010			7315880073901	5971886
			White NCS			7315880073895	5971739
L66190		<b>CYB-DP</b>	Greyish-black	12/32/66	10	7315880102007	5971845
		3 x Siemon MX UTP modular outlet. Also suitable for Siemon SC/SC duplex fibre outlet and 2 x Siemon MX STP modular outlet mounted with a blank cover. Without label holder.					
<b>Actassi modular 125/250</b>							
L57190		<b>CYB-DP</b>	Greyish-black	12/32/66	10	7315885971844	5971840
		2 x Actassi modular outlet 125/250 with mounting adaptors, with label holder	White RAL 9010			7315880073925	5971887
			White NCS			7315885971745	5971740
			White RAL 1013			7315880097501	5971962
<b>ITT-Cannon modular jack</b>							
L63670		<b>CYB-DP</b>	White RAL 9010	20/32/66	10	7315885971899	5971890
<b>Infra+</b>							
L55120		<b>CYB-DP</b>	White RAL 9010	18.5/32/66	10	7315880110996	5971894
<b>VGA and telephone</b>							
P81709		<b>CYB-DP</b>	Greyish-black	12/32/66	10	7315880114185	5971838
		1 x VGA and 1 x telephone socket Ø3.5, 3-pole, without label holder	White NCS			7315880114192	5971749
<b>Anixter</b>							
P100936		<b>CYB-DP</b>	White NCS	12/32/66	10	7332418018395	5971898
		2 x Anixter (corning) modular outlet					



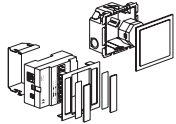
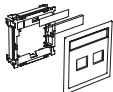
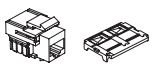

Connection kits for F80® mounting, including connectors

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
 <p>Connection kit including F80 mounting frame, label window with label, flat or angled cover, mounting plate and connector(s). Depending on the connector(s), the kits can be used for structured cabling networks for pair cables, general low voltage, coaxial or fibre connection. Material: PC/ABS.</p>							
<b>6-position modular jack</b>							
 L15100 L21200	<b>CYB-DP</b>	White NCS	84/26/84	1	7315885970519	5970510	
	Flat cover, 1 x 6-position modular jack + blind plug						
	<b>CYB-DP</b>	White NCS	84/26/84	1	7315880057611	5970515	
	Flat cover, 2 x 6-position modular jack						
 L15100 L21200	<b>CYB-DP</b>	White NCS	84/50/84	1	7315885970458	5970450	
	Angled cover, 1 x 6-position modular jack + blind plug						
	<b>CYB-DP</b>	White NCS	84/50/84	1	7315880065524	5970455	
	Angled cover, 2 x 6-position modular jack						
<b>9-pole D-sub</b>							
 L50360 L21280	<b>CYB-DP</b>	White NCS	84/50/84	1	7315885970311	5970310	
	Angled cover, 9-pole D-sub male						
<b>AMP 110 Connect Cat. 5 UTP 568A/568B</b>							
 L44320 L21210	<b>CYB-DP</b>	White NCS	84/33/84	1	7315885970540	5970540	
	Flat cover, 1 x AMP 110 Connect Cat. 5 UTP 568A/568B NCS + blind plug						
	<b>CYB-DP</b>	White NCS	84/33/84	1	7315885970557	5970550	
	Flat cover, 2 x AMP 110 Connect Cat. 5 UTP 568A/568B						
 L44320 L21210	<b>CYB-DP</b>	White NCS	84/50/84	1	7315885970410	5970410	
	Angled cover, 1 x AMP 110 Connect Cat. 5 UTP 568A/568B + blind plug						
	<b>CYB-DP</b>	White NCS	84/50/84	1	7315880065609	5970415	
	Angled cover, 2 x AMP 110 Connect Cat. 5 UTP 568A/568B						
<b>AMP 110 Connect Cat. 5 STP 568A/568B</b>							
 L44740 L21210	<b>CYB-DP</b>	White NCS	84/33/84	1	7315885970571	5970570	
	Flat cover, 2 x AMP 110 Connect Cat. 5 STP 568A/568B						
	<b>CYB-DP</b>	White NCS	84/50/84	1	7315880065616	5970425	
	Angled cover, 1 x AMP 110 Connect Cat. 5 STP 568A/568B + blind plug						
 L44740 L21210	<b>CYB-DP</b>	White NCS	84/50/84	1	7315880065623	5970435	
	Angled cover, 2 x AMP 110 Connect Cat. 5 STP 568A/568B						
	<b>Lucent MPS100 Cat. 5 UTP 568A/568B</b>						
	 L14720 L21190	<b>CYB-DP</b>	White NCS	84/30/84	1	7315880057758	5970590
Flat cover, 2 x Lucent MPS100 Cat. 5 UTP 568A/568B							
 L14720 L21190	<b>CYB-DP</b>	White NCS	84/50/84	1	7315880065593	5970405	
	Angled cover, 2 x Lucent MPS100 Cat. 5 UTP 568A/568B						
<b>ST Multimode</b>							
 L15480 L21150	<b>CYB-DP</b>	White NCS	84/50/84	1	7315880057789	5970375	
	Angled cover, 2 x ST Multimode. Termination guide not included.						


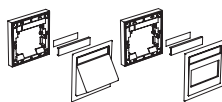







Connection kits for F80® mounting, including connectors

	Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Duplex SC/SC Multimode</b>							
L62150 L54680	 <b>CYB-DF</b> Angled cover, Duplex SC/SC Multimode with two screws	White NCS	84/50/84		1	7315885970380	5970380
L62150 L54670	 <b>CYB-DF</b> Angled cover, 2 x duplex SC/SC Multimode with four screws	White NCS White RAL 9010	84/50/84		1	7315880062325 7315880062349	5970385 5970386
<b>AMP-CO, with dust cap</b>							
L55390 L55230	 <b>CYB-DP</b> Flat cover CYB-BK5, AMP-CO, including dust cap	White NCS	84/47/84		1	7315880057673	5970615
<b>Actassi 125 Cat 5e STP</b>							
L62570 L56890 L57190	 <b>CYB-DP</b> Angled cover, 1 x Actassi 125 Cat 5e STP, blind plug and black mounting adaptor	White NCS	84/50/84		1	7315885970496	5970490
	<b>CYB-DP</b> Angled cover, 2 x Actassi 125 Cat 5e STP, black mounting adaptors	White NCS	84/50/84		1	7315880075325	5970495
<b>Actassi 125 Cat 5e STP</b>							
L62570 L56890 L57190	 <b>CYB-DP</b> Flat cover, 1 x Actassi 125 Cat 5e STP, blind plug and black mounting adaptor	White NCS	84/25/84		1	7315885970915	5970910
	<b>CYB-DP</b> Flat cover, 2 x Actassi 125 Cat 5e STP, black mounting adaptors	White NCS	84/25/84		1	7315880075349	5970915
<b>Actassi 125 Cat 5e UTP</b>							
L62560 L56890 L57190	 <b>CYB-DP</b> Angled cover, 1 x Actassi 125 Cat 5e UTP, blind plug and black mounting adaptor	White NCS	84/50/84		1	7315885970489	5970480
	<b>CYB-DP</b> Angled cover, 2 x Actassi 125 Cat 5e UTP, black mounting adaptors	White NCS Alu metallic White RAL 1013	84/50/84		1	7315880075318 7315880104049 7315880115748	5970485 5970487 5970488
<b>Actassi 125 Cat 5e UTP</b>							
L62560 L56890 L57190	 <b>CYB-DP</b> Flat cover, 1 x Actassi 125 Cat 5e UTP, blind plug and black mounting adaptor	White NCS	84/25/84		1	7315885970908	5970900
	<b>CYB-DP</b> Flat cover, 2 x Actassi 125 Cat 5e UTP, black mounting adaptors	White NCS White RAL 9010 Alu metallic White RAL 1013	84/25/84		1	7315880075332 7315880104117 7315880104124 7315880115755	5970905 5970906 5970907 5970908
<b>Actassi 250 Cat 6 STP</b>							
L62570 L56890 L57190	 <b>CYB-DP</b> Angled cover, 1 x Actassi 250 Cat 6 STP, blind plug and black mounting adaptor	White NCS	84/50/84		1	7315885974104	5974100
	<b>CYB-DP</b> Angled cover, 2 x Actassi 250 Cat 6 STP, black mounting adaptors	White NCS White RAL 9010 Alu metallic	84/50/84		1	7315880097570 7315880104308 7315880104315	5974105 5974107 5974108
	<b>CYB-DP</b> Flat cover, 2 x Actassi 250 Cat 6 STP, black mounting adaptors	White NCS	84/34/84		1	7315880102502	5974106

Connection kits for F80® mounting, including connectors

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.	
<b>Actassi 250 Cat 6 UTP</b>							
 L62660 L68880 L57190	<b>CYB-DP</b>	White NCS Alu metallic	84/50/84	1	7315885974098 7315880104223	5974090 5974093	
	<b>CYB-DP</b>	White NCS White RAL 9010 Alu metallic White RAL 1013	84/50/84	1	7315880097563 7315880104230 7315880104247 7315880115762	5974095 5974097 5974098 5974099	
	<b>CYB-DP</b>	White NCS White RAL 9010 Alu metallic White RAL 1013	84/27/84	1	7315880102489 7315880104261 7315880104278 7315880115779	5974096 5974206 5974207 5974208	
<b>Connection kit including CYB-BK13</b>							
Connection kit including mounting kit CYB-BK13 (holder, snap-fitted flat cover, label windows and labels) with 4xLexCom Home switch and power supply kit CYB-PR (box with strain relief, terminal block, power supply device and cover). Material: Steel, PC/ABS.							
 P81284	<b>CYB-DP</b>	White NCS Alu metallic White RAL 9010	45/84/168	1	7315885970250 7315880114086 7315880114093	5970250 5970252 5970251	
	<b>Connection kits including connectors and shuttered mounting plate</b>						
	Kit including F80 mounting frame, label window with label, cover, shuttered mounting plate, connector(s) and termination guide. Packed by the piece in a plastic bag. To be used in structured cabling networks for pair cables. Material: PC/ABS.						
 L55350	<b>CYB-DP</b>	White NCS	84/35/84	1	7315885970847	5970840	
	 L44320 L55150	<b>CYB-DP</b>	White NCS	84/35/84	1	7315880067641	5970845
 L53420 L55150	<b>CYB-DP</b>	White NCS	84/32/84	1	7315880067696	5970765	
	<b>CYB-DP</b>	White NCS	84/32/84	1	7315880067696	5970765	

Connection kits for wall mounting, including connectors

	Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
L20980 L20990							
	Kit including wall mounting frame, label with label window, angled or flat cover, mounting plate, connector(s) and termination guide. Depending on the connector(s), the kits can be used for structured cabling networks for pair cables, general low voltage, coaxial or fibre connection. Material: PC/ABS.						
	<b>9-pole D-sub male</b>						
L50360 L21280		CYB-DP Angled cover, 9-pole D-sub male	White NCS	84/40/84	1	7315885973039	5973030
	<b>AMP 110 Connect Cat. 5 UTP</b>						
L44320 L21210		CYB-DP Angled cover, 1 x AMP 110 Connect Cat. 5 UTP 568A/568B + blind plug	White NCS	84/40/84	1	7315880065999	5973135
	CYB-DP Angled cover, 2 x AMP 110 Connect Cat. 5 UTP 568A/568B	White NCS	84/40/84	1	7315885973145	5973140	
	<b>AMP 110 Connect Cat. 5 STP</b>						
L44740 L21210		CYB-DP Angled cover, 1 x AMP 110 Connect Cat. 5 STP 568A/568B + blind plug	White NCS	84/40/84	1	7315880066002	5973155
	CYB-DP Angled cover, 2 x AMP 110 Connect Cat. 5 STP 568A/568B	White NCS	84/40/84	1	7315880066019	5973165	
	<b>ST Multimode</b>						
L15480 L21150		CYB-DF Angled cover, 2 x ST Multimode. Termination guide not included.	White NCS	84/40/84	1	7315885973107	5973100
	<b>Duplex SC Multimode</b>						
L52150 L54680		CYB-DF Angled cover, Duplex SC Multimode with two screws	White NCS	84/40/84	1	7315880065968	5973105
	<b>Actassi 125 Cat. 5e UTP</b>						
L62560 L58890 L57190		CYB-DP Angled cover, 1 x Actassi 125 Cat. 5e UTP, blind plug and black mounting adaptor	White NCS	84/40/84	1	7315885973206	5973200
	CYB-DP Angled cover, 2 x Actassi 125 Cat. 5e UTP, 2 x black mounting adaptors	White NCS	84/40/84	1	7315880075363	5973205	
	<b>Actassi 125 Cat. 5e STP</b>						
L62570 L58890 L57190		CYB-DP Angled cover, 2 x Actassi 125 Cat. 5e STP, black mounting adaptors	White NCS	84/40/84	1	7315880075356	5973195

Accessories for CYB

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
<b>Mounting frames, low voltage</b>					
Mounting frame, low, with 80 mm front opening. To be screw-mounted on installation boxes c/c 60 mm. The mounting frame is also prepared for installation together with mini trunking type TMK-1020. Intended for low voltage mounting kits CYB-BK. Material: PC/ABS.					
<b>CYB-MF1L</b>	White NCS	90/23/90	1	7315885971165	5971160
Mounting frame, low, with 80 mm front opening. To be screw-mounted on installation boxes c/c 71 or 84 mm. The mounting frame is also prepared for installation together with mini trunking type TMK-1020. Intended for low voltage mounting kits CYB-BK and power-current mounting frame CYB-AD1. Material: PC/ABS.					
<b>CYB-MF2L</b>	White NCS	90/23/174	1	7315885971172	5971170
Mounting frame, high, with 80 mm front opening. To be screw-mounted on walls without installation boxes. Intended for low voltage mounting kits CYB-BK and power-current mounting frame CYB-AD1. Material: PC/ABS.					
<b>CYB-MF1H</b>	White NCS White RAL 9010 Alu metallic	90/42/90	1	7315880095699 7315880095705 7315880104391	5971165 5971166 5971168
<b>CYB-MF2H</b>	White NCS	90/42/174	1	7315880095729	5971175
<b>Protective casing</b>					
Protective casing to be mounted on the back of the mounting frame, for protection of data connectors and cable connections. Intended for low voltage mounting kits CYB-BK1 and -BK2. See also Compatibility on page 65. Material: PP.					
<b>CYB-RK high</b>	Red	63/38/63	10	7315885971202	5971200
<b>CYB-RK low</b>	Red	63/26/60	10	7315880053255	5971205
<b>Surface mounting frame</b>					
Surface mounting frame, to be mounted on the wall together with low voltage mounting kits CYB-BK3 and CYB-BK4 to provide an extra height of 25 mm. Material: ASA.					
<b>CYB-RF</b>	White NCS	84/26.5/84	1	7315885971158	5971150
<b>Junction box</b>					
Junction box including cover and strain relief devices. To be used as a traditional junction box for distribution of terminal groups, etc. Material: PC/ABS.					
<b>CYB-BJ</b>	White RAL 9010 White RAL 1013	84/84/44	1	7315880095071 7315880095088	5976001 5976002
<b>Indicating lamp</b>					
Indicating lamp 0.9 mA intended for CYB power-current switches. Material: PA (casing).					
<b>CYB-GL2</b>	—	16/25/39	5	7315880075134	5972105
<b>Terminal block</b>					
Terminal block for push-in connection, 16A/250V, 3x2.5 mm <sup>2</sup> . Intended for CYB-PB, CYB-PR and 4-module CYB-PN. Material: Casing = PPO, connector part = brass, tin coated.					
<b>CYB-PT</b>	White	10/10/14	10	7315885972209	5972200
<b>Screw pillar</b>					
Screw pillar for Phillips cross-slotted screw No. 1. Used to mount screw-fixed standard outlets c/c 60 mm. Intended for boxes CYB-S40 and CYB-D40. Material: PA6, 30% glass-fibre.					
<b>CYB-P3</b>	Natural	11/43/10	20	7315880052265	5961506
<b>Marking kit</b>					
Marking kit including label window and label. Intended for CYB low voltage and single power current devices with a marking option. Material: PMMA.					
<b>CYB-LW2</b>	—	12/67/4	10	7315885951365	5951365

Accessories for CYB

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
------	--------	-----------------------	-----------------	----------	----------

**Fibre spool**

Fibre spool intended to handle remaining fibre cable when terminating. Provided with velcro-fastening for mounting on wall or in installation boxes. Capacity: 4 m, 900 mm fibre cable.  
Material: PEHD.

<b>CYB-FS</b>	Natural	Ø50/14	10	7315885971233	5971230
---------------	---------	--------	----	---------------	---------

**Protective casing for fibre optics**

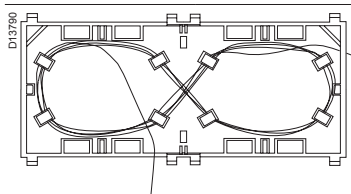
Protective casing to be mounted in service carriers with front F80®, together with two CYB low-voltage connection or mounting kits. Also compatible with protective casing CYB-RK, low design. Including removable partition wall, which can be used to separate fibre and copper cables.

Provided with eight cable exits on the long sides. There are also two cable exits on the short sides; one that is angled at 45°, to allow mounting of several casings next to each other, and one adapted to the BICC Brand-Rex Blolite system, including nipple. Bending radius >30 mm. A bending radius of 10 times the cable diameter is normally recommended, i.e. in this case a cable diameter of 3 mm at the most.

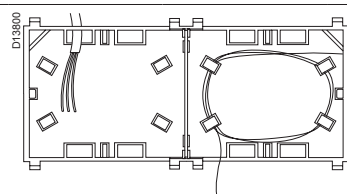
CYB-DF allows installation to satisfy the preliminary standard EN50174-2.

Material: PP.

<b>CYB-DF</b>	White	79/39/168	10	7315885971226	5971220
---------------	-------	-----------	----	---------------	---------



Fibre capacity max. 4 m cable, diameter 0.9 mm, when using the entire coiling space.



Fibre capacity max. 2 m cable, diameter 0.9 mm, when using half the coiling space.

P64405



P1919




### CYB-RK – Compatibility

CYB-RK protective casing cannot be mounted together with connectors marked “no” in the table below.

Connector type	CYB-RK <i>high</i> with mounting kit		CYB-RK <i>low</i> with mounting kit	
	BK1 angled	BK2 flat	BK1 angled	BK2 flat
Alcatel	yes	yes	yes	no
AMP 2x8-position modular jack UTP	yes	yes	yes	no
AMP 110 Con 2x8-position modular jack STP	yes	yes	yes	no
AMP 110 Con 2x8-position modular jack UTP	yes	yes	yes	no
AMP 1xSC duplex	yes	no	yes	no
1xBNC TNC	yes	yes	yes	no
2xBNC TNC	yes	yes	yes	no
1xDIN 3/8	yes	yes	yes	yes
2xDIN 3/8	yes	yes	yes	yes
1xD-sub 9	yes	yes	yes	yes
1xD-sub 15	yes	yes	yes	yes
1xD-sub 25	yes	yes	yes	no
1xEAE-1R, -1ER	yes	no	yes	no
2xEAE-2R, -2ER	yes	no	yes	no
1xF	yes	yes	yes	yes
2xF	yes	yes	yes	yes
IBM type 2 1xIBM	yes	yes	yes	no
IBM type 1 1xIBM + 1x8-position modular jack AMP	yes	yes	yes	no
ITT-Cannon	yes	yes	yes	yes
Actassi 125 UTP/STP	yes	yes	yes	no
Actassi 250 UTP/STP	yes	yes	yes	no
Lucent 2x8-position modular jack STP	yes	yes	yes	no
Lucent 2x8-position modular jack UTP	yes	yes	yes	no
R&M 1x8-position modular jack UTP	yes	yes	yes	no
R&M 2x8-position modular jack UTP	yes	yes	yes	no
R&M 1x8-position modular jack STP	yes	yes	yes	no
R&M 2x8-position modular jack STP	yes	yes	yes	no
R&M FreeNet 8-p modular	yes	yes	yes	no
Siemon Mx	yes	yes	yes	no
Siemon Mx duplex SC/SC	yes	no	yes	no
1xST	yes	no	yes	no
2xST	yes	no	yes	no
T&B 2x8-position modular jack STP	yes	yes	yes	no
T&B 2x8-position modular jack UTP	yes	yes	yes	no
Thinnet Tap AMP*	—	yes	—	no
2xTwinax	yes	yes	yes	yes
1xXLR	yes	yes	yes	yes

\* Only flat mounting.

CYB accessories for MWU health care panels

Type	Colour	Dimensions A/B/C (mm)		Qty per package	EAN code	Ref. No.
<b>Light diode kit</b>						
Light diode kit to be used as patients' orientation night-light. With high intensity diodes. Material: PC/ABS.						
<b>CYB-PO</b>	White	84/50/84		1	7315885974012	5974010
<b>Aerial outlet, connection kit</b>						
Connection kit including Macab ME6 aerial R/TV outlet, serial 75 Ω, connections according to DIN 45330 and IEC 169-2. Terminated by 75 Ω terminal resistor, to be ordered separately (Art.No. 5954 120). Frequency range: 5–862 MHz Tap loss: 6 dB Through loss: 2.8 dB Material: PC/ABS.						
<b>CYB-DC</b>	White	84/51/84		1	7315885970595	5970595

CTA accessories for CYB

<b>Dust cap</b>						
Dust cap 2xRJ45, to be used in mounting plates for two connectors where only one connector has been mounted. Can also be used in conjunction with a connector. Suitable for mounting plates CYB, for modular connectors of Lucent Tech. M-type. Material: Thermoplastic.						
<b>CTA-BP1</b>	White	18/6/20		10	7315885914179	5914170
<b>Blanking plug</b>						
Blanking plug 2xRJ45, to be used in mounting plates for two connectors where only one connector has been mounted. Suitable for mounting plates CYB, for modular connectors of AMP type. Material: PC/ABS.						
<b>CTA-BP2</b>	Black	21/15/15		10	7315885914162	5914160