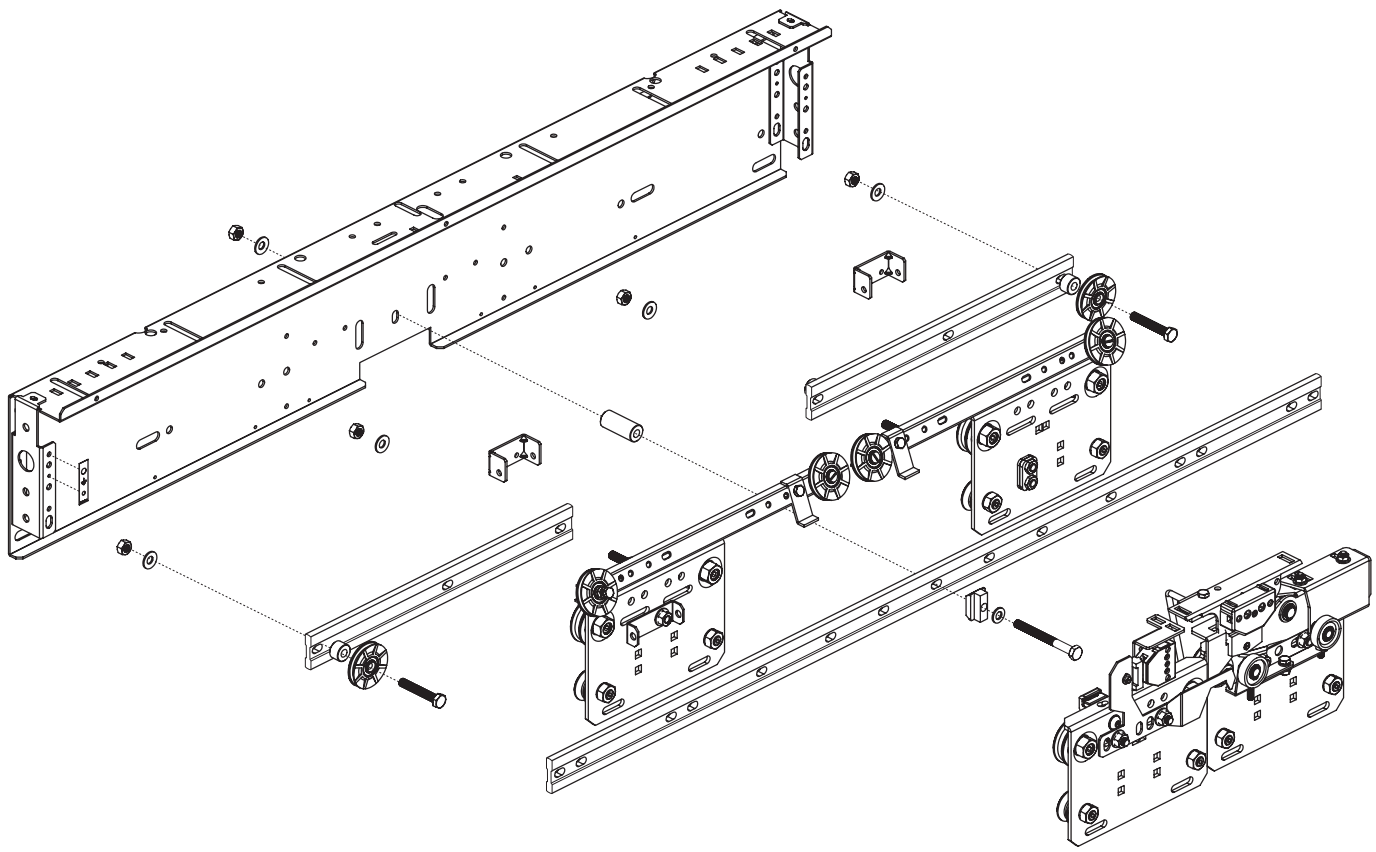
KLEFER
Automatic Lift Doors

50/11
SPARE PARTS

Automatic horizontal sliding landing door



Multimedia design and production by Klefer.

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Email: commercial@klefer.com
General Commercial Register (GEMI): 014504535000
National Producers Register Nr.: 2581

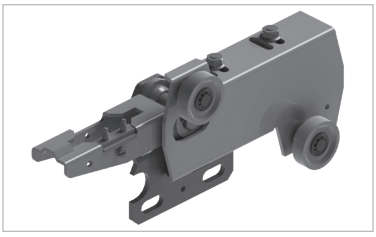
 - Spare part in stock: Available with a minimal period of delivery.

 - Spare parts to be manufactured: Need to be fabricated and therefore requires a longer delivery period.

1.1 DOOR MECHANISM

Locking devices

CSP Lock beak-plate support assembly



Code	Description
CSP.5000.R (13)	IP20 contact.
CSP.5010.R (13)	IP54 contact.
CSP.500D.R (13)	IP21 contact. Panoramic.
CSP.50IP.R (13)	IP54 contact. Panoramic.

To complete this code, see annexe 13 (Unlocking devices table).

APT Pulling roller accessories set

Code	Description
APT.7400R0000	Depth-adjustable roller. Except C4 PL ≤ 915 mm.
APT.0000R0000	Fixed roller. Except C4 PL ≤ 915 mm.
APT.00ESRC400	Only C4 PL ≤ 915 mm.

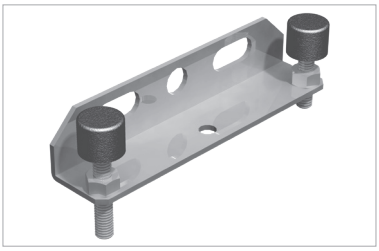
Check your unlocking device to ensure the pulling roller type needed.

CSC Lock contact support assembly

Code	Description
CSC.5000.RC200	C2 (From 08/03/2017).
CSC.5001.RC200	C2 (Until 08/03/2017).
CSC.50IP.RC200	C2. IP54.
CSC.5195.RC400	C4 CO < 1.200. (From 08/03/2017).
CSC.50DE.RC000	C4-C6 CO ≥ 1.200, C8 CO ≥ 1.400. Double lock. (From 08/03/2017).
CSC.5001.RC400	C4 CO≥1200, C6 CO≥1400, C8 CO≥1850. Double lock. (Until 08/03/2017).
CSC.50DI.RC000	C4 CO ≥ 1.200, C6, C8. Double lock. IP54.
CSC.5000.RI000	T2, T3 ,T4, CO: 950-1400. Left opening. (From 22/03/2017).
CSC.5001.RI000	T2, T3 ,T4, C4 CO: 600-1150. Left opening. (Until 22/03/2017).
CSC.50IP.RI000	T2-T3-T4-C4-C6 CO ≥ 1200, C8 CO ≥ 1400. Left opening. IP54.
CSC.5000.RD100	T1. Right opening.
CSC.5000.RI100	T1. Left opening.
CSC.50IP.RD100	T1. IP54. Right opening.
CSC.50IP.RI100	T1. IP54. Left opening.
CSC.5000.RD000	Except T1. Right opening. (From 24/02/2017).
CSC.5001.RD000	Except T1. Right opening. (Until 24/02/2017).
CSC.50IP.RD000	Except T1. IP54. Right opening.

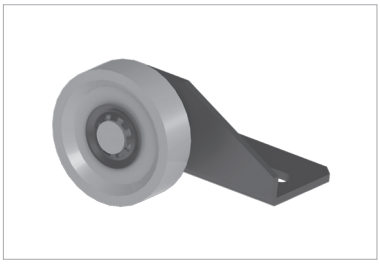
For central opening operators with double locking device, choose “telescopic right opening” or “telescopic left opening” according to the assembly hand needed.

CST Support lock beak set



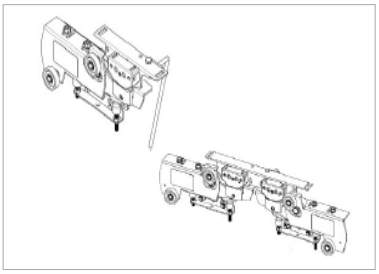
Code	Description
CST.5000.RD000	C4-C6 CO ≥ 1200, C8 CO ≥ 1400, T2-T3-T4. Right opening.
CST.5000.RI000	C4-C6 CO ≥ 1200, C8 CO ≥ 1400, T2-T3-T4. Left opening.
CST.5000.RD100	T1. Right opening.
CST.5000.RI100	T1 and C2. Left opening.
CST.50E1.RC400	C4 PL ≤ 900, C6 PL ≤ 1.350, C8 PL ≤ 1.800, T4 PL ≤ 900. Panoramic cover adaptation.
CST.AP00.RD000	Right opening. Panoramic cover adaptation.
CST.AP00.RI000	Left opening. Panoramic cover adaptation.

CSA Haulage support assembly for panoramic cover adaption.



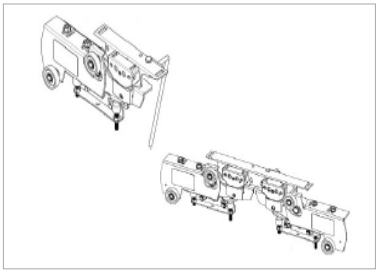
Code	Description
CSA.50TP.RD200	T2, T3, T4. Panoramic cover adaptation. Right opening
CSA.50TP.RI200	C2, C4 CO ≥ 1200, C6 CO: 1400-1550, C8 CO > 1800, T2, T3, T4. Panoramic cover adaptation. Left opening

KEN Lock assembly kit



Code	Description
KEN.5000.RC200	C2 (From 08/03/2017).
KEN.5001.RC200	C2 (Until 08/03/2017).
KEN.50IP.RC200	C2. IP54. (From08/03/2017).
KEN.5000.RD100	T1. Right opening.
KEN.5000.RI100	T1. Left opening.
KEN.5000.RD000	T2, T3, T4 CO ≥ 1100. Right opening. (From 24/02/2017).
KEN.5001.RD000	T2, T3, T4 CO ≥ 1100. Right opening. (Until 24/02/2017).
KEN.50IP.RD000	T2, T3, T4 CO ≥ 1100. Right opening. IP54. (From 24/02/2017).
KEN.51IP.RD000	T2, T3, T4 CO ≥ 1100. Right opening. IP54. (Until 24/02/2017).
KEN.5000.RI000	T2, T3, T4 CO ≥ 1100. Left opening. (From 22/03/2017).
KEN.5001.RI000	T2, T3, T4 CO ≥ 1100. Left opening. (Until 22/03/2017).
KEN.50IP.RI000	T2, T3, T4 CO ≥ 1100. Left opening. IP54. (From 24/02/2017).
KEN.51IP.RI000	T2, T3, T4 CO ≥ 1100. Left opening. IP54. (Until 24/02/2017).
KEN.5060.RD400	T4 CO: 600-800. Right opening. (Until 26/10/2018).
KEN.5060.RI400	T4 CO: 600-800. Left opening. (Until 26/10/2018).
KEN.5085.RD400	T4 CO: 850-900. Right opening.
KEN.5085.RI400	T4 CO: 850-900. Left opening.
KEN.5085.RI400.IP54	T4 CO: 850-900. IP54. Left opening.
KEN.5095.RD400	T4 CO: 950-1000. Right opening.
KEN.5095.RI400	T4 CO: 950-1000. Left opening.
KEN.5060.RC400	C4 CO: 600-700.
KEN.5075.RC400	C4 CO: 750 (From 16/03/2017).
KEN.5175.RC400	C4 CO: 750 (Until 16/03/2017).
KEN.5080.RC400	C4 CO: 800.
KEN.5085.RC400	C4 CO: 850-900.
KEN.5095.RC400	C4 CO: 950-1150 (From 16/03/2017).

KEN Lock assembly kit



Code	Description
KEN.5195.RC400	C4 CO: 950-1150 (Until 16/03/2017).
KEN.50DE.RC400	C4 CO≥1200, C6 CO≥1400, C8 CO≥1850. Double lock. (From 05/2017).
KEN.51DE.RC400	C4 CO≥1200, C6 CO≥1400, C8 CO≥1850. Double lock. (Until 05/2017).
KEN.50DI.RC400	C4 CO≥1200, C6 CO≥1400, C8 CO≥1850. Double lock. IP54. (From 05/2017).
KEN.51DI.RC400	C4 CO≥1200, C6 CO≥1400, C8 CO≥1850. Double lock. IP54. (Until 05/2017).
KEN.50DE.RC600	C6: 1200-1350, C8 CO:1400-1800. Double lock.

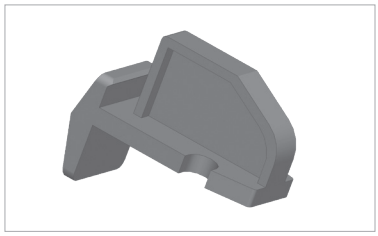
URP Lock beak regulation tool

Code	Description
URP.0000.R0000	Lock beak regulation tool.

1.2 DOOR MECHANISM

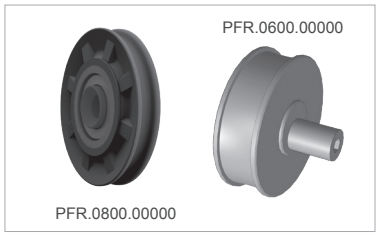
Springs, synchronization, wheels and buffers

DSR Safety spring fastening support



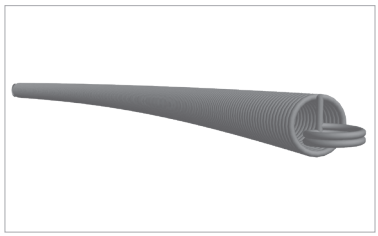
Code	Description
DSR.0000.R0000	Safety spring fastening support.

PFR Wheel



Code	Description
PFR.0500.00000	Concentric. PFR-05. Ø 56 mm.
PFR.0600.00000	Eccentric. PFR-06. Ø 54 mm.
PFR.0700.00000	Synchronization. PFR-07. External Ø 64 mm. Internal Ø 8 mm.
PFR.0800.00000	Synchronization. PFR-08. External Ø 47 mm. Internal Ø 6,2 mm.
PFR.0500.S0000	Silent Concentric. PFR-05. Ø 56 mm.

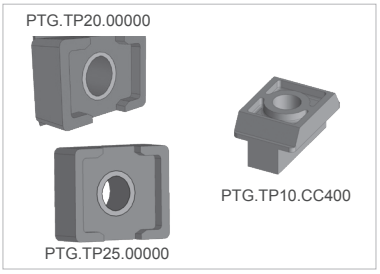
RSR Safety spring



Code	Description
RSR.0000.TD015.00001.575FG.3540	Length: 354 mm.
RSR.0000.TD015.00001.575FG.3740	Length: 374 mm.
RSR.0000.TD015.00001.475FG.3920	Length: 392 mm.
RSR.0000.TD015.00001.575FG.4240	Length: 424 mm.
RSR.0000.TD015.00001.575FG.4250	Length: 425 mm.
RSR.0000.TD015.00001.475FG.4420	Length: 442 mm.
RSR.0000.TD015.00001.575FG.4740	Length: 474 mm.
RSR.0000.TA013.00001.250FG.5600	Length: 560 mm.
RSR.0000.TD015.00001.575FG.5740	Length: 574 mm.
RSR.0000.TA013.00001.250FG.6200	Length: 620 mm.
RSR.0000.TA013.00001.250FG.6850	Length: 685 mm.

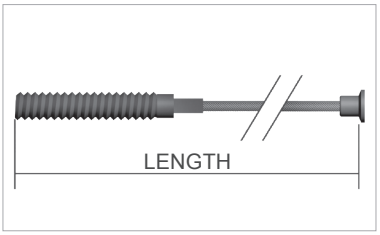
To associate spring length with CO see annex 5 (Safety spring length table).

PTG Rubber stop kit



Code	Description
PTG.TP20.00000	20 x 30 mm stop.
PTG.TP25.00000	25 x 30 mm stop.
PTG.TP10.CC400	10 x 30 mm stop.

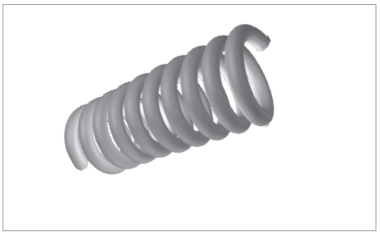
PCA Synchronization wire



Code	Description
PCA.0000. (2)	Synchronization wire.

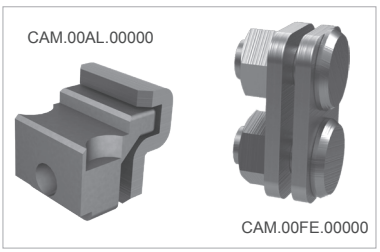
To complete this code, see annex 2 (Synchronization wire length by clear opening table). The price shown is valid one linear metre.

RCA Tensor spring for synchronization wire



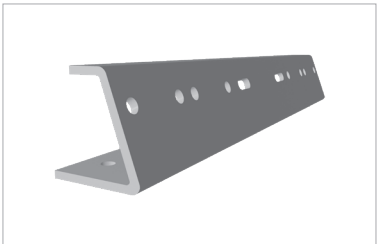
Code	Description
RCA.0000.C0015.00330.925FG.0250	Tensor spring for synchronization wire.

CAM Cable fastener assembly



Code	Description
CAM.00AL.00000	Cable fastener assembly.
CAM.00FE.00000	Cable fastener assembly.

PBR Wheel carrier arm

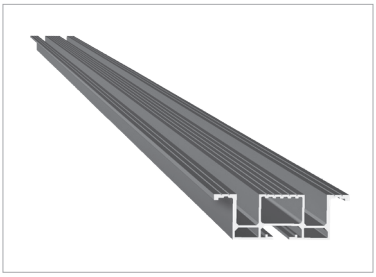


Code	Description
PBR.5000.RC4BC (1)	C4.
PBR.5000.RC6BC (1)	C6.
PBR.5000.RC8BC (1)	C8.
PBR.5000.RT2BC (1)	T2.
PBR.5000.RT3BC (1)	T3.
PBR.5000.RT4BC (1)	T4.

To complete this code, see annex 1 (Clear opening table). The price shown is valid for CO 800 mm.

2 FRAME

PPS Sill



Code	Description
PPS. [14] . [3] .RC2. [1]	C2.
PPS. [14] . [3] .RC4. [1]	C4.
PPS. [14] . [3] .RC6. [1]	C6.
PPS. [14] . [3] .RC8. [1]	C8.
PPS. [14] . [3] .RR1. [1]	T1. Right opening.
PPS. [14] . [3] .RL1. [1]	T1. Left opening.
PPS. [14] . [3] .RR2. [1]	T2. Right opening.
PPS. [14] . [3] .RL2. [1]	T2. Left opening.
PPS. [14] . [3] .RR3. [1]	T3. Right opening.
PPS. [14] . [3] .RL3. [1]	T3. Left opening.
PPS. [14] . [3] .RR4. [1]	T4. Right opening.
PPS. [14] . [3] .RL4. [1]	T4. Left opening.
PPS. [14] . [3] .RT2. [1]	T2. CO: 700, 800, 900. EN 81-20/50.

For sill without dust holes in telescopic doors the code is completed with T. (For either .(Left or Right opening, sill is the same

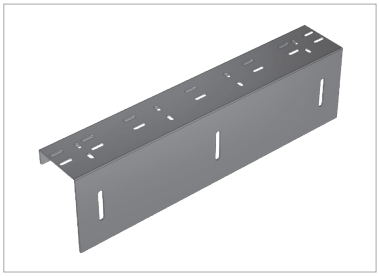
To complete this code, see annex 1 (Clear opening table), annex 3 (Sill options) and annex 14 (Sill materials, finishes and dimension table). The price shown is valid for PL .800 mm

PSS Sill supplement

Code	Description
PSS.6000.R00 [7] [1]	Width 60 mm.
PSS.7000.R00 [7] [1]	Width 70 mm.

To complete this code, see annex 1 (Clear opening table) and annex 3 (Sill finishes table). The price shown is valid for aluminium sill PL 800 mm.

PCF Sill support console



Code	Description
PCF.C3 [8] .R00AL [1]	For AL, AR, HC, XC sill. Load ≤ 3000kg.
PCF.C3 [8] .R00HM [1]	For HM, XM sill. Load ≤ 3000kg.
PCF.C5 [8] .R00AL [1]	For AL, AR, HC, XC sill. 3001 ≤ load ≤ 5000kg.
PCF.C5 [8] .R00HM [1]	For HM, XM sill. 3001 ≤ load ≤ 5000kg.
PCF.C8 [8] .R00AL [1]	For AL, AR, HC, XC sill. 5001 ≤ load ≤ 8000kg.
PCF.C8 [8] .R00HM [1]	For HM, XM sill. 5001 ≤ load ≤ 8000kg.

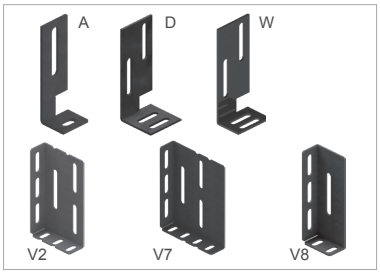
To complete this code, see annex 8 (Width) and annex 1 (Clear opening table). The price shown is valid for CO 800 mm. To determine the price, see annex 1.

PFA Toe guard

Code	Description
PFA.0000.R00FG (1)	Standard model. Galvanized steel.
PFA.0000.R00 (6) (1)	Standard model. Stainless steel finishes.

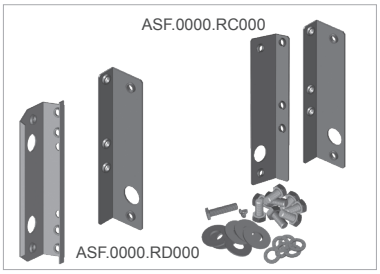
To complete this code, see annex 1 (Clear opening table) and annex 6 (Finishes table).
The price shown is valid for PL 800 mm.

AES Fastening bracket set



Code	Description
AES.A000.R0000	Type: “A” (1 unit).
AES.D000.R0000	Type: “D” (1 unit).
AES.G000.R0000	Type: “G” (1 unit).
AES.H000.R0000	Type: “H” (1 unit).
AES.K000.R0000	Type: “L” (1 unit).
AES.KE00.R0000	Type: “KE” (1 unit).
AES.M000.R0000	Type: “M” (1 unit).
AES.N001.R0000	Type: ”N”. CO ≤ 1000.(3 units “F” & 3 units “G” & 2 units “M”).
AES.N002.R0000	Type: ”N”. CO > 1000.(5 units “F” & 5 units “G” & 2 units “M”).
AES.O001.R0000	Type: ”O”. CO ≤ 1000.(3 units “F” & 3 units “H” & 2 units “M”).
AES.O002.R0000	Type: ”O”. CO > 1000.(5 units “F” & 5 units “H” & 2 units “M”).
AES.V200.R0000	Type: “V2” (1 unit).
AES.V700.R0000	Type: “V7” (1 unit).
AES.V800.R0000	Type: “V8” (1 unit).
AES.W000.R0000	Type: “W” (1 unit).

ASF Frame fixing support set



Code	Description
ASF.0000.RC000	Central opening.
ASF.0000.RD000	Telescopic. Right opening.
ASF.0000.RI000	Telescopic. Left opening.

ACJ Releaser lock assembly

Code	Description
ACJ.0000.RD000	C2, T1, T2, T3. Right opening.
ACJ.0000.RI000	C4, C6, C8, T1, T2, T3. Left opening.
ACJ.00LH.RD000	Key in right panel.
ACJ.00LH.RI000	Key in left panel.

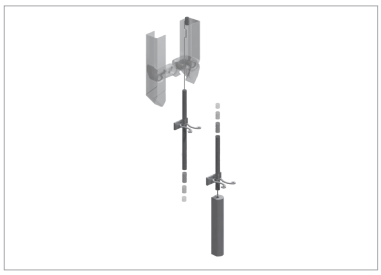
ADS Triangular key set

Code	Description
ADS.0011.R0000	Triangular key set (Plastic).
ADS.0071.R0000	Triangular key set (Metallic). L: 710 mm.
ADS.81MK.CT080	Triangular key set (Prudhomme). Chromed. Special hights. L: 80 mm.
ADS.81MK.CT160	Triangular key set (Prudhomme). Chromed. Special hights. L: 160 mm.
ADS.81MK.CT600	Triangular key set (Prudhomme). Chromed. Special hights. L: 600 mm.

ACP Counterweight accessories

Code	Description
ACP.4000.R0000	Counterweight accessories.

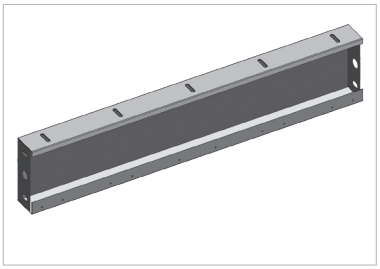
KDM Manual unlocking device



Code			Description
KDM.50.16.R.0D.	KO	PH	Locking device 160mm. Right opening.
KDM.50.16.R.0I.	KO	PH	Locking device 160mm. Left & central opening.
KDM.50.10.R.0I.	KO	PH	Locking device 100mm. C4 CO:600-900mm.

To complete this code, **KO** refers to Extra Carriage, the code is 000 except Full Glass 50/11 .VF **PH** refers to Panel Height

PDI Header



Code	Description
C2	
PDI. Ⓜ 00.RC2 ⑥ ① ⑰ . ⑮ ⑱	Without indicator.
PDI. Ⓜ CS.RC2 ⑥ ① ⑰ . ⑮ ⑱	With indicator.
C4	
PDI. Ⓜ 00.RC4 ⑥ ① ⑰ . ⑮ ⑱	Without indicator.
PDI. Ⓜ CS.RC4 ⑥ ① ⑰ . ⑮ ⑱	With indicator.
C6	
PDI. Ⓜ 00.RC6 ⑥ ① ⑰ . ⑮ ⑱	Without indicator.
PDI. Ⓜ CS.RC6 ⑥ ① ⑰ . ⑮ ⑱	With indicator.
C8	
PDI. Ⓜ 00.RC8 ⑥ ① ⑰ . ⑮ ⑱	Without indicator.
PDI. Ⓜ CS.RC8 ⑥ ① ⑰ . ⑮ ⑱	With indicator.
T1	
PDI. Ⓜ 00.RR1 ⑥ ① ⑰ . ⑮ ⑱	Right opening. Without indicator.
PDI. Ⓜ CS.RR1 ⑥ ① ⑰ . ⑮ ⑱	Right opening. With indicator.
PDI. Ⓜ 00.RL1 ⑥ ① ⑰ . ⑮ ⑱	Left opening. Without indicator.
PDI. Ⓜ CS.RL1 ⑥ ① ⑰ . ⑮ ⑱	Left opening. With indicator.
T2	
PDI. Ⓜ 00.RR2 ⑥ ① ⑰ . ⑮ ⑱	Right opening. Without indicator.
PDI. Ⓜ CS.RR2 ⑥ ① ⑰ . ⑮ ⑱	Right opening. With indicator.
PDI. Ⓜ 00.RL2 ⑥ ① ⑰ . ⑮ ⑱	Left opening. Without indicator.
PDI. Ⓜ CS.RL2 ⑥ ① ⑰ . ⑮ ⑱	Left opening. With indicator.
T3	
PDI. Ⓜ 00.RR3 ⑥ ① ⑰ . ⑮ ⑱	Right opening. Without indicator.
PDI. Ⓜ CS.RR3 ⑥ ① ⑰ . ⑮ ⑱	Right opening. With indicator.
PDI. Ⓜ 00.RL3 ⑥ ① ⑰ . ⑮ ⑱	Left opening. Without indicator.
PDI. Ⓜ CS.RL3 ⑥ ① ⑰ . ⑮ ⑱	Left opening. With indicator.
T4	
PDI. Ⓜ 00.RR4 ⑥ ① ⑰ . ⑮ ⑱	Right opening. Without indicator.
PDI. Ⓜ CS.RR4 ⑥ ① ⑰ . ⑮ ⑱	Right opening. With indicator.
PDI. Ⓜ 00.RL4 ⑥ ① ⑰ . ⑮ ⑱	Left opening. Without indicator.
PDI. Ⓜ CS.RL4 ⑥ ① ⑰ . ⑮ ⑱	Left opening. With indicator.

To complete this code, see annex 1 (Clear opening table), annex 6 (Materials and finishes table) and annex 17 (Header dimensions table). The price shown is valid for PL 800 mm in epoxy RAL 7032 leatherette standard.

For Telescopic doors 50 ≤ HD < 80 use Right (R) or Left (L) opening.

For Telescopic doors HD ≥ 80 use T2, T3, T4.

For headers with indicator attach hole position drawing.

For Ⓜ complete the code with below options:

For **T1**: All CO: 00

For **T2**: All CO: 00

For **T3, T4**: CO<1000: 00
CO ≥1000: 50

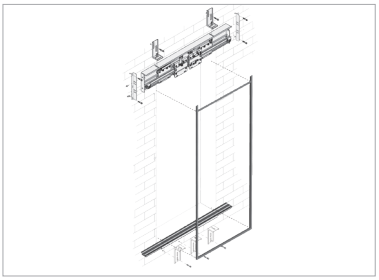
For **C2**: All CO: 50

For **C4:** CO<1000: 00
CO ≥1000: 50

For **C6, C8:** All CO: 50

NOTE: For special model contact with commercial department.

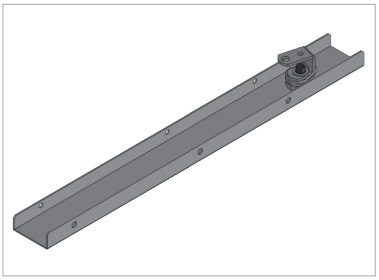
UTM Modernization installing tool



Code	Description
UTM.MD00.R0000. (H) (1)	Modernisation installing tool.

To complete the code, see annex 1 (Clear opening table). The code (H) should be substituted for the door clear height in mm.
The price shown is valid for CO 800 mm and CH 2.000 mm. To calculate the price, the coeficient (H) should be calculated according H/2.000 formula.

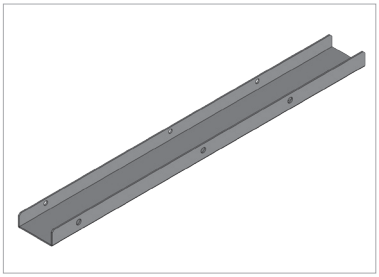
PTP Lightcover with release lock



Code	Description
C4	
PTP.00 (9).RC4(16).(6)(1)	C4 CO < 950. Standard model.
PTP.50 (9).RC4(16).(6)(1)	C4 CO ≥ 950. Standard model.
PTP.5A (9).RC4(16).(6)(1)	Refurbishment model.
C6	
PTP.50 (9).RC6(16).(6)(1)	Standard model.
PTP.5A (9).RC6(16).(6)(1)	Refurbishment model.
C8	
PTP.50 (9).RC8(16).(6)(1)	Standard model.
PTP.5A (9).RC8(16).(6)(1)	Refurbishment model.
T2	
PTP.50 (9).RR2(16).(6)(1)	Standard model. Right opening.
PTP.5A (9).RR2(16).(6)(1)	Refurbishment model. Right opening.
PTP.50 (9).R L 2(16).(6)(1)	Standard model. Left opening.
PTP.5A (9).R L 2(16).(6)(1)	Refurbishment model. Left opening.
T3	
PTP.50 (9).RR3(16).(6)(1)	Standard model. Right opening.
PTP.5A (9).RR3(16).(6)(1)	Refurbishment model. Right opening.
PTP.50 (9).R L 3(16).(6)(1)	Standard model. Left opening.
PTP.5A (9).R L 3(16).(6)(1)	Refurbishment model. Left opening.
T4	
PTP.50 (9).RR4(16).(6)(1)	Standard model. Right opening.
PTP.5A (9).RR4(16).(6)(1)	Refurbishment model. Right opening.
PTP.50 (9).R L 4(16).(6)(1)	Standard model. Left opening.
PTP.5A (9).R L 4(16).(6)(1)	Refurbishment model. Left opening.

To complete this code,see annex 9 (Light cover contact table), see annex 16 (Intumescent strip), annex 6 (Materials and finishes table) and annex 1 (Clear opening table). The price shown is valid for PL 800 mm in epoxy RAL 7032 leatherette standard and without contact.

CTP Lightcover without release lock

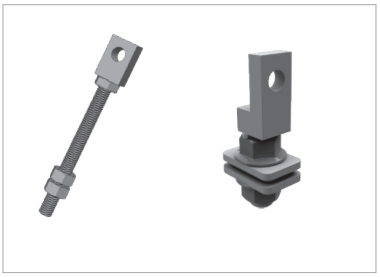


Code	Description
C4	
CTP.0000.RC4 (16).(6)(1)	Standard model.
CTP.00AR.RC4 (16).(6)(1)	Refurbishment model.
C6	
CTP.0000.RC6 (16).(6)(1)	Standard model.
CTP.00AR.RC6 (16).(6)(1)	Refurbishment model.
C8	
CTP.0000.RC8 (16).(6)(1)	Standard model.
CTP.00AR.RC8 (16).(6)(1)	Refurbishment model.
T2	
CTP.0000.RR2 (16).(6)(1)	Standard model. Right opening.
CTP.00AR.RR2 (16).(6)(1)	Refurbishment model. Right opening.
CTP.0000.RL2 (16).(6)(1)	Standard model. Left opening.
CTP.00AR.RL2 (16).(6)(1)	Refurbishment model. Left opening.
T3	
CTP.0000.RR3 (16).(6)(1)	Standard model. Right opening.
CTP.00AR.RR3 (16).(6)(1)	Refurbishment model. Right opening.
CTP.0000.RL3 (16).(6)(1)	Standard model. Left opening.
CTP.00AR.RL3 (16).(6)(1)	Refurbishment model. Left opening.
T4	
CTP.0000.RR4 (16).(6)(1)	Standard model. Right opening.
CTP.00AR.RR4 (16).(6)(1)	Refurbishment model. Right opening.
CTP.0000.RL4 (16).(6)(1)	Standard model. Left opening.
CTP.00AR.RL4 (16).(6)(1)	Refurbishment model. Left opening.

To complete this code, see annex 16 (Intumescent strip), annex 6 (Materials and finishes table) and annex 1 (Clear opening table). The price shown is valid for PL 800 mm in epoxy RAL 7032 leatherette standard.

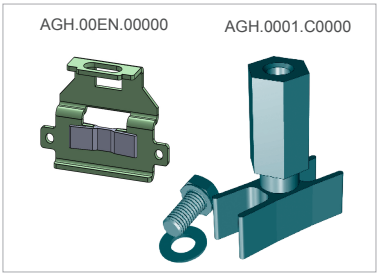
3 PANELS

ASH Panel regulator assembly



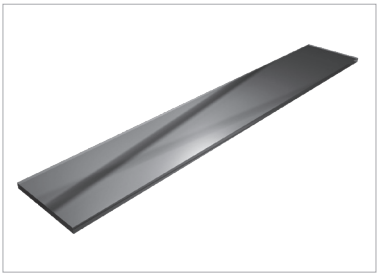
Code	Description
ASH.0001.C0000	60 mm. (2 units).
ASH.0003.C0000	40 mm. (2 units).

AGH Panel guide shoe assembly



Code	Description
AGH.0001.C0000	16 mm groove (2 units).
AGH.00EN.00000	8 mm groove. EN 81.20/50 (2 units).
AGH.DAA000000	8 mm groove. Type ADVANCED AGH-DA (Release II) EN 81.20/50 (2 units).

GFH Glass



Code			Description
GFH.GMB0.00000	Dimension X_1	Dimension Y_1	Laminated glass. Beveled big vision 5+5.
GFH.GME2.00000	Dimension X_2	Dimension Y_1	Laminated glass. Flush big vision 6 + 6.

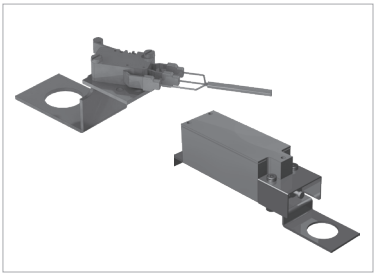
Code Dimension X_1: PL / number of panels - 40 mm. Code Dimension Y_1: HL - 200 mm.
Code Dimension X_2: PL / number of panels - 47 mm. Code Dimension Y_1: HL - 200 mm.
Note: In case of obtaining a value of three figures, precede by 0 to complete the code.
The price shown is valid for glass measurements T2, PL 800 mm and HL 2.000 mm, with a ratio of X .and Y = 1

4 ELECTRONIC COMPONENTS

KCE Electrical contact kit

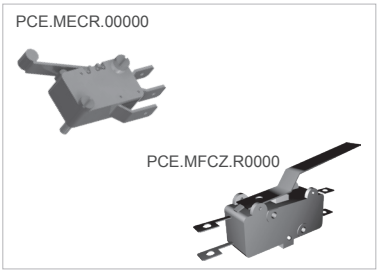
Code	Description
KCE.A4A5.00000	Astra AS 011.
KCE.5000.00000	50 mm.
KCE.6050.00000	60 mm.
KCE.IP54.00000	IP54 contact.

CCE Electrical contact with support assembly



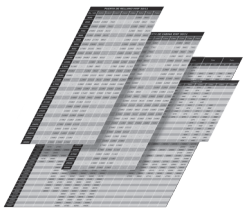
Code	Description
CCE.BE00.R0000	Bistable switch electromagnetic assembly (Berstein).
CCE.BEM0.R0000	Bistable switch mechanic assembly (Berstein).
CCE.MF00.RC400	Bistable mechanical Crouzet. C4.
CCE.MF50.RD000	Bistable mechanical Crouzet. T2-T3. Right opening.
CCE.MF50.RI000	Bistable mechanical Crouzet. T2-T3. Left opening.
CCE.MF50.RC200	Bistable mechanical Crouzet. C2. Model 50/11.
CCE.PR00.RD000	Prudhomme electrical contact. C2. Telescopic right opening.
CCE.PR00.RI000	Prudhomme electrical contact. C4. Telescopic left opening.

PCE Electrical contact



Code	Description
PCE.MECR.00000	Monostable microswitch.
PCE.MFCZ.R0000	Manual reset bistable contact.

5 ANNEXES



1

CLEAR OPENING TABLE

CO	CODE	RATIO
600	**0600**	1,00
650	**0650**	1,00
700	**0700**	1,00
750	**0750**	1,00
800	**0800**	1,00
850	**0850**	1,06
900	**0900**	1,13
915	**0915**	1,14
950	**0950**	1,19
1.000	**1000**	1,25
1.050	**1050**	1,31
1.100	**1100**	1,38
1.150	**1150**	1,44
1.200	**1200**	1,50
1.250	**1250**	1,56
1.300	**1300**	1,63
1.350	**1350**	1,69
1.400	**1400**	1,75
1.450	**1450**	1,81
1.500	**1500**	1,88
1.550	**1550**	1,94
1.600	**1600**	2,00
1.650	**1650**	2,06
1.700	**1700**	2,13
1.750	**1750**	2,19
1.800	**1800**	2,25
1.850	**1850**	2,31
1.900	**1900**	2,38
1.950	**1950**	2,44
2.000	**2000**	2,50
2.050	**2050**	2,56
2.100	**2100**	2,63
2.150	**2150**	2,69
2.200	**2200**	2,75
2.250	**2250**	2,81

CO	CODE	RATIO
2.300	**2300**	2,88
2.350	**2350**	2,94
2.400	**2400**	3,00
2.450	**2450**	3,06
2.500	**2500**	3,13
2.550	**2550**	3,19
2.600	**2600**	3,25
2.650	**2650**	3,31
2.700	**2700**	3,38
2.750	**2750**	3,44
2.800	**2800**	3,50
2.850	**2850**	3,56
2.900	**2900**	3,63
2.950	**2950**	3,69
3.000	**3000**	3,75
3.050	**3050**	3,81
3.100	**3100**	3,88
3.150	**3150**	3,94
3.200	**3200**	4,00
3.250	**3250**	4,06
3.300	**3300**	4,13
3.350	**3350**	4,19
3.400	**3400**	4,25
3.450	**3450**	4,31
3.500	**3500**	4,38
3.550	**3550**	4,44
3.600	**3600**	4,50
3.650	**3650**	4,56
3.700	**3700**	4,63
3.750	**3750**	4,69
3.800	**3800**	4,75
3.850	**3850**	4,81
3.900	**3900**	4,88
3.950	**3950**	4,94
4.000	**4000**	5,00

To determine the final price it is necessary to multiply the base price by the ratio in the table.

2

SYNCHRONIZATION WIRE LENGTH BY CLEAR OPENING TABLE

CO	CODE / LENGTH							
	C2	C4(1)	C4(2)	C6	C8	T2	T3	T4
600	**02480**	**02090**	**00710**	-	-	**01080**	**00860**	-
650	**02680**	**02180**	**00730**	-	-	**01180**	**00860**	**00760**
700	**02880**	**02280**	**00760**	-	-	**01180**	**00960**	**00810**
750	**02980**	**02480**	**00810**	-	-	**01280**	**00960**	**00810**
800	**03180**	**02580**	**00810**	-	-	**01280**	**01010**	**00860**
850	**03380**	**02780**	**00860**	-	-	**01380**	**01010**	**00860**
900	**03580**	**02880**	**00910**	-	-	**01380**	**01080**	**00910**
950	**03780**	**03030**	**00960**	-	-	**01480**	**01080**	**00910**
1.000	**03980**	**03180**	**01010**	-	-	**01480**	**01180**	**00960**
1.100	**04380**	**03480**	**01080**	**00810**	-	**01580**	**01280**	**01010**
1.200	**04780**	-	**01080**	**00810**	**00710**	**01680**	**01280**	**01060**
1.300	**05180**	-	**01180**	**00860**	**00760**	**01780**	**01380**	**01180**
1.400	**05580**	-	**01180**	**00960**	**00760**	**01880**	**01480**	**01180**
1.500	**05980**	-	**01280**	**01010**	**00810**	**01980**	**01480**	**01280**
1.600	**06380**	-	**01280**	**01010**	**00810**	**02080**	**01580**	**01280**
1.700	**06780**	-	**01380**	**01080**	**00860**	**02180**	**01680**	**01380**
1.800	**07180**	-	**01380**	**01080**	**00910**	**02280**	**01680**	**01380**
1.900	**07580**	-	**01480**	**01180**	**00960**	**02380**	**01780**	**01480**
2.000	**07980**	-	**01480**	**01180**	**00960**	**02480**	**01880**	**01480**
2.100	-	-	**01580**	**01180**	**01010**	-	**01880**	-
2.200	-	-	**01580**	**01280**	**01010**	-	**01980**	-
2.300	-	-	**01680**	**01280**	**01080**	-	**02080**	-
2.400	-	-	**01680**	**01280**	**01080**	-	**02080**	-
2.500	-	-	**01780**	**01380**	**01080**	-	-	-
2.600	-	-	**01780**	**01380**	**01110**	-	-	-
2.700	-	-	**01880**	**01480**	**01180**	-	-	-
2.800	-	-	**01880**	**01480**	**01180**	-	-	-
2.900	-	-	**01980**	**01480**	**01180**	-	-	-
3.000	-	-	**01980**	**01580**	**01280**	-	-	-

• To determine the final price it is necessary to multiply the length x 0,0097.
(1) The dimension is for the synchronization wire between opposite sides of hanger plates.
(2) The dimension is for the synchronization wire between fast and slow hanger plates.

3

SILL OPTIONS

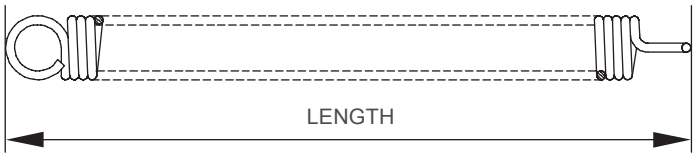
SILL TYPE	CODE	Increase in the final price (€)
With dust holes	0A	6,30 €
Without dust holes	00	-
Heated with dust holes	HA	241,37 €
Heated without dust holes	H0	241,37 €

5

SAFETY SPRING LENGTH TABLE

PL	C2	C4	C6	C8(1)	T2	T3	T4(2)
600	0425	0392	-	-	0374	0354	0392 / 0392
650	0425	0392	-	-	0374	0354	0392 / 0392
700	0425	0392	-	-	0374	0354	0392 / 0392
750	0425	0392	-	-	0374	0354	0392 / 0392
800	0425	0442	-	-	0374	0442	0392 / 0392
850	0425	0442	-	-	0374	0442	0392 / 0392
900	0560	0442	-	-	0374	0442	0392 / 0392
950	0560	0442	-	-	0374	0442	0392 / 0392
1.000	0560	0442	-	-	0374	0442	0392 / 0392
1.050	0560	0442	-	-	0374	0442	0392 / 0392
1.100	0620	0442	-	-	0424	0442	0442 / 0474
1.150	0620	0442	-	-	0424	0442	0442 / 0442
1.200	0620	0374	0354	-	0424	0442	0442 / 0442
1.250	0620	0374	0354	-	0424	0442	0442 / 0442
1.300	0620	0374	0354	-	0474	0442	0442 / 0442
1.350	0620	0374	0354	-	0474	0442	0442 / 0474
1.400	0620	0374	0354	0392 / 0424	0474	0442	0442 / 0474
1.450	0620	0374	0354	0392 / 0424	0474	0442	0442 / 0442
1.500	0685	0374	0354	0392 / 0424	0474	0474	0442 / 0474
1.550	0685	0374	0442	0392 / 0424	0474	0474	0474 / 0474
1.600	0685	0374	0442	0392 / 0424	0474	0474	0574 / 0574
1.650	0685	0374	0442	0392 / 0424	-	0474	0574 / 0574
1.700	0685	0374	0442	0392 / 0424	-	0474	0574 / 0574
1.750	0685	0374	0442	0392 / 0424	-	0474	0574 / 0574
1.800	0685	0374	0442	0392 / 0424	-	0474	0574 / 0574
1.850	0685	0374	0442	0392 / 0424	-	0474	0574 / 0574
1.900	0685	0374	0442	0392 / 0424	-	0474	0574 / 0574
1.950	0685	0374	0442	0392 / 0424	-	0474	0574 / 0574
2.000	0685	0374	0442	0392 / 0424	-	0474	0574 / 0574
2.050	-	0374	0442	0392 / 0424	-	-	-
2.100	-	0374	0442	0392 / 0392	-	-	-
2.150	-	0374	0442	0392 / 0424	-	-	-
2.200	-	0374	0442	0392 / 0392	-	-	-
2.250	-	0424	0442	0392 / 0424	-	-	-
2.300	-	0424	0442	0392 / 0424	-	-	-
2.350	-	0424	0442	0392 / 0424	-	-	-
2.400	-	0424	0442	0392 / 0424	-	-	-
2.450	-	0424	0442	0392 / 0424	-	-	-
2.500	-	0424	0442	0392 / 0424	-	-	-
2.550	-	0424	0442	0392 / 0424	-	-	-
2.600	-	0474	0442	0392 / 0424	-	-	-
2.650	-	0474	0442	0392 / 0424	-	-	-
2.700	-	0474	0442	0392 / 0424	-	-	-
2.750	-	0474	0442	0392 / 0424	-	-	-
2.800	-	0474	0442	0392 / 0424	-	-	-
2.850	-	0474	0442	0392 / 0424	-	-	-
2.900	-	0474	0442	0392 / 0424	-	-	-
2.950	-	0474	0442	0392 / 0424	-	-	-
3.000	-	0474	0442	0392 / 0424	-	-	-

(1) Double lower spring / Double upper spring.
(2) Lower / Upper.



6a

EPOXY FINISHES TABLE

MATERIAL	FINISH		CODE	RATIO
Epoxy	Leatherette standard	RAL 7032	IM	1
	Leatherette Other	RAL 9016		75,00€ [1]
		RAL 1013		75,00€ [1]
		RAL 9001		75,00€ [1]
		RAL 7001		75,00€ [1]
		RAL 7010		75,00€ [1]
		RAL 1001		75,00€ [1]
		RAL 7005		75,00€ [1]
		RAL 7012		75,00€ [1]
		RAL 7030		75,00€ [1]
		RAL 7035		75,00€ [1]
		RAL 8017		75,00€ [1]
		RAL 7040		75,00€ [1]
	Sparkle	PP300		☎
	Textured	Grey		☎
		Grey Metallic		☎

[1] Increase in the final price.

6b

STAINLESS STEEL FINISHES TABLE

MATERIAL		CODE	RATIO
Stainless steel	AISI 304	**XN**	2,10
	AISI 441	**MX**	1,40
	AISI 304 Mirror	**B2**	2,45
	AISI 441 Mirror	**MB**	1,40
	Special finishes	**AE**	☎

[1] Increase in the final price.
To determine the final price it is necessary to multiply the base price by the ratio in the table.

7

SILL FINISHES TABLE

	FINISH	CODE	RATIO
S	Aluminium (16 mm track)	**AL**	1,00
	Reinforced aluminium	**AR**	1,50
	Sheet metal steel	**HC**	4,30
	Solid steel	**HM**	6,80
	Sheet metal stainless steel	**XC**	5,90
	Solid stainless steel	**XM**	9,75

To determine the final price it is necessary to multiply the base price by the ratio in the table.
Only finishes marked with a **S** are valid for sill between frames

8

SILL SUPPORT CONSOLE WIDTH TABLE

WIDTH	CODE	(€)
55 - 75 mm	**55-75**	40,04
80 - 125 mm	**80-125**	42,07
130 - 170 mm	**130-170**	73,72
175 - 180 mm	**175-180**	75,90

9

LIGHT COVER CONTACT TABLE

MODEL	CODE	RATIO
Without contact	**00**	1,00
Monoestable EN 81-21	**M2**	3,00
Biestable EN 81-21 manual reset	**MF**	4,00
Biestable EN 81-21 electrical reset	**BS**	7,00
EN 81-71	**PR**	10

To determine the final price it is necessary to multiply the base price by the ratio in the table.

13

SINGLE LOCKING DEVICE DOORS TABLE

PL	C2	C4	C6	T1		T2		T3		T4	
	Code	Code	Code	Code		Code		Code		Code	
				Right hand	Left hand	Right hand	Left hand	Right hand	Left hand	Right hand	Left hand
600	**C20C**	**C41R**		**D10C***	**I10C***	**D00D**	**I00D**	**D00D**	**I00D**	**D41D**	**I41D**
650											
700											
750		**C41D**									
800		**C01D**									
850											
900											
950		**C40D**	**C01D**							**D00D**	**I00D**
1.000											
1.050											
1.100											
1.150											
1.200											
1.250											
1.300											
1.350											
1.400											
1.450											
1.500											
1.550											
1.600											
1.650											
1.700											
1.750											
1.800											
1.850											
1.900											
1.950											
2.000											

It follows on page 21 →

13

DOUBLE LOCKING DEVICE DOORS TABLE

<table>
<tr><th rowspan="3">PL</th><th colspan="6">Code</th></tr>
<tr><th colspan="2">C4</th><th colspan="2">C6</th><th colspan="2">C8</th></tr>
<tr><th>Right hand</th><th>Left hand</th><th>Right hand</th><th>Left hand</th><th>Right hand</th><th>Left hand</th></tr>
<tr><td>1.200</td><td rowspan="34">CDDD(*)(**)</td><td rowspan="34">CIDD(*)(**)</td><td rowspan="4">CDED</td><td rowspan="4">CIED*</td><td colspan="2" rowspan="4"></td></tr>
<tr><td>1.250</td></tr>
<tr><td>1.300</td></tr>
<tr><td>1.350</td></tr>
<tr><td>1.400</td><td rowspan="30">CDDD(*)(**)</td><td rowspan="30">CIDD(*)(**)</td><td rowspan="8">CDED</td><td rowspan="8">CIED</td></tr>
<tr><td>1.450</td></tr>
<tr><td>1.500</td></tr>
<tr><td>1.550</td></tr>
<tr><td>1.600</td></tr>
<tr><td>1.650</td></tr>
<tr><td>1.700</td></tr>
<tr><td>1.750</td></tr>
<tr><td>1.800</td></tr>
<tr><td>1.850</td><td rowspan="22">CDDD(*)(**)</td><td rowspan="22">CIDD(*)(**)</td></tr>
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<tr><td>2.850</td></tr>
<tr><td>2.900</td></tr>
<tr><td>2.950</td></tr>
<tr><td>3.000</td></tr>
</table>

For codes with * the total price is 126,00 €. **(IP20)**
For codes with ** the total price is 200.50 €. **(IP54)**

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SILL MATERIALS, FINISHES AND DIMENSIONS TABLE

MATERIAL	AISI	OPENING	CHANNEL	CODE	DESCRIPTION	HEATED OPTION	RATIO
Aluminium	-	C2 - T1	8,2 mm	**AL054008**	54 mm. Panels 50 mm.	Available	1,00
		C4 - T2		**AL090008**	90 mm. Panels 40 + 40 mm.		1,00
		C6 - T3		**AL135008**	135 mm. Panels 40 + 40 + 40 mm.		1,00
			14,8 mm	**AL135015**	135 mm. Panels 40 + 40 + 40 mm.		1,00
		C8 - T4	8,2 mm	**AL180008**	180 mm. Panels 40 + 40 + 40 + 40 mm.		1,00
Reinforced aluminium	-	C2 - T1	8,2 mm	**AR054008**	54 mm. Panels 50 mm.		1,50
		C4 - T2		**AR090008**	90 mm. Panels 40 + 40 mm.		1,50
		C6 - T3		**AR135008**	135 mm. Panels 40 + 40 + 40 mm.		1,50
			14,8 mm	**AR135015**	135 mm. Panels 40 + 40 + 40 mm.		1,50
		C8 - T4	8,2 mm	**AR180008**	180 mm. Panels 40 + 40 + 40 + 40 mm.		1,50
Solid iron	-	C2 - T1	14 mm	**HM054015**	54 mm. Panels 50 mm.	Not available	6,80
		C4 - T2	15 mm	**HM090015**	90 mm. Panels 40 + 40 mm.		6,80
		C6 - T3		**HM135015**	135 mm. Panels 40 + 40 + 40 mm.		6,80
		C8 - T4		**HM180015**	180 mm. Panels 40 + 40 + 40 + 40 mm.		6,80
Solid stainless steel	-	C2 - T1	14 mm	**XM054015**	54 mm. Panels 50 mm.		9,75
		C4 - T2	15 mm	**XM090015**	90 mm. Panels 40 + 40 mm.		9,75
		C6 - T3		**XM135015**	135 mm. Panels 40 + 40 + 40 mm.		9,75
		C8 - T4		**XM180015**	180 mm. Panels 40 + 40 + 40 + 40 mm.		9,75
Iron metal sheet	-	C2 - T1	15 mm	**HC054015**	54 mm. Panels 50 mm.	Available	4,30
		C4 - T2	14,8 mm	**HC090015**	90 mm. Panels 40 + 40 mm.		4,30
		C6 - T3		**HC135015**	135 mm. Panels 40 + 40 + 40 mm.		4,30
		C8 - T4		**HC180015**	180 mm. Panels 40 + 40 + 40 + 40 mm.		4,30
Sheet metal stainless steel	304	C2 - T1	15 mm	**HC054015**	54 mm. Panels 50 mm.		7, 07
		C4 - T2	14,8 mm	**HC090015**	90 mm. Panels 40 + 40 mm.		7,07
		C6 - T3		**HC135015**	135 mm. Panels 40 + 40 + 40 mm.		7,07
		C8 - T4		**HC180015**	180 mm. Panels 40 + 40 + 40 + 40 mm.		7,07

NOTE: In case of EN 81.20/50 Release II complete at the end of the code R2. (From October 2020)

To determine the final price it is necessary to multiply the base price by the ratio in the table.

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IP54

OPTION	CODE
Without IP54	**00**
With IP54	**IP**

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INTUMESCENT STRIP

OPTION	CODE	RATIO
Without Intumescent strip	**00**	**1,00**
With Intumescent strip	**EI**	**+13 €**

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HEADER DIMENSIONS TABLE

FRAME DEPTH	HEADER HIGH	CODE	RATIO
20	210	0210.020	1,15
25	210	0210.025	1,15
60	50	0050.060	1,15
	80	0080.060	1,15
	100	0100.060	1,15
	210	0210.060	1
	265	0265.060	1,15
70	50	0050.070	1,15
	120	0120.070	1,15
	210	0210.070	1
	265	0265.070	1,15
155	210	0210.155	1

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JAMB CABINET TABLE

OPTION	CODE
Door without jamb cabinet	00
Door with jamb cabinet	WI / WD / WF

Sales contacts

General: commercial@klefer.com

www.klefer.com