














# Electrak® busbar / buscom trunking

2P + E and 3P + E systems










					3 m track 0-5 m spacings	2 m track 0-5 m spacings	3 m track 1-0 m spacings	2 m track 1-0 m spacings			
SYSTEM	IP RATING	POWER/ COMMS	RATING	OUTLETS							
Electrak 30 2P + E system	IP 4X	Busbar (Power only)	25 A	Single sided	BBA3145	BBA2145	BBA3141	BBA2141			
				Double sided	BBA3245	BBA2245	BBA3241	BBA2241			
			40 A	Single sided	CCA3145	CCA2145	CCA3141	CCA2141			
				Double sided	CCA3245	CCA2245	CCA3241	CCA2241			
		Buscom (Power and comms)	25 A	Single sided	BBA3145C	BBA2145C	BBA3141C	BBA2141C			
				Double sided	BBA3245C	BBA2245C	BBA3241C	BBA2241C			
			40 A	Single sided	CCA3145C	CCA2145C	CCA3141C	CCA2141C			
				Double sided	CCA3245C	CCA2245C	CCA3241C	CCA2241C			
		IP 54	Busbar (Power only)	25 A	Single sided	BBA3155	BBA2155	BBA3151	BBA2151		
					Double sided	BBA3255	BBA2255	BBA3251	BBA2251		
				40 A	Single sided	CCA3155	CCA2155	CCA3151	CCA2151		
					Double sided	CCA3255	CCA2255	CCA3251	CCA2251		
	Buscom (Power and comms)		25 A	Single sided	BBA3155C	BBA2155C	BBA3151C	BBA2151C			
				Double sided	BBA3255C	BBA2255C	BBA3251C	BBA2251C			
			40 A	Single sided	CCA3155C	CCA2155C	CCA3151C	CCA2151C			
				Double sided	CCA3255C	CCA2255C	CCA3251C	CCA2251C			
	Electrak 31 3P + E system		IP 4X	Busbar (Power only)	25 A	Single sided	BBB3145	BBB2145	BBB3141	BBB2141	
						Double sided	BBB3245	BBB2245	BBB3241	BBB2241	
					40 A	Single sided	CCB3145	CCB2145	CCB3141	CCB2141	
						Double sided	CCB3245	CCB2245	CCB3241	CCB2241	
		Buscom (Power and comms)		25 A	Single sided	BBB3145C	BBB2145C	BBB3141C	BBB2141C		
					Double sided	BBB3245C	BBB2245C	BBB3241C	BBB2241C		
				40 A	Single sided	CCB3145C	CCB2145C	CCB3141C	CCB2141C		
					Double sided	CCB3245C	CCB2245C	CCB3241C	CCB2241C		
IP 54		Busbar (Power only)		25 A	Single sided	BBB3155	BBB2155	BBB3151	BBB2151		
					Double sided	BBB3255	BBB2255	BBB3251	BBB2251		
				40 A	Single sided	CCB3155	CCB2155	CCB3151	CCB2151		
					Double sided	CCB3255	CCB2255	CCB3251	CCB2251		
		Buscom (Power and comms)	25 A	Single sided	BBB3155C	BBB2155C	BBB3151C	BBB2151C			
				Double sided	BBB3255C	BBB2255C	BBB3251C	BBB2251C			
			40 A	Single sided	CCB3155C	CCB2155C	CCB3151C	CCB2151C			
				Double sided	CCB3255C	CCB2255C	CCB3251C	CCB2251C			

	Centre feed	Suspended feed unit left hand	Suspended feed unit right hand	Surface feed unit left hand	Surface feed unit right hand	Suspended flexible corner 0-5 m	Suspended flexible corner 2-0 m	Surface flexible corner 0-5 m	Surface flexible corner 2-0 m
									
	BBA44F	BBA14LF	BBA14RF	BBA34LF	BBA34RF	BBA140X	BBA142X	BBA340X	BBA342X
	-	BBA24LF	BBA24RF	-	-	BBA240X	BBA242X	-	-
	CCA44F	CCA14LF	CCA14RF	CCA34LF	CCA34RF	CCA140X	CCA142X	CCA340X	CCA342X
	-	CCA24LF	CCA24RF	-	-	CCA240X	CCA242X	-	-
	BBA44FC	BBA14LFC	BBA14RFC	BBA34LFC	BBA34RFC	BBA140XC	BBA142XC	BBA340XC	BBA342XC
	-	BBA24LFC	BBA24RFC	-	-	BBA240XC	BBA242XC	-	-
	CCA44FC	CCA14LFC	CCA14RFC	CCA34LFC	CCA34RFC	CCA140XC	CCA142XC	CCA340XC	CCA342XC
	-	CCA24LFC	CCA24RFC	-	-	CCA240XC	CCA242XC	-	-
	-	BBA15LF	BBA15RF	BBA35LF	BBA35RF	BBA150X	BBA152X	BBA350X	BBA352X
	-	BBA25LF	BBA25RF	-	-	BBA250X	BBA252X	-	-
	-	CCA15LF	CCA15RF	CCA35LF	CCA35RF	CCA150X	CCA152X	CCA350X	CCA352X
	-	CCA25LF	CCA25RF	-	-	CCA250X	CCA252X	-	-
	-	BBA15LFC	BBA15RFC	BBA35LFC	BBA35RFC	BBA150XC	BBA152XC	BBA350XC	BBA352XC
	-	BBA25LFC	BBA25RFC	-	-	BBA250XC	BBA252XC	-	-
	-	CCA15LFC	CCA15RFC	CCA35LFC	CCA35RFC	CCA150XC	CCA152XC	CCA350XC	CCA352XC
	-	CCA25LFC	CCA25RFC	-	-	CCA250XC	CCA252XC	-	-
	BBB44F	BBB14LF	BBB14RF	BBB34LF	BBB34RF	BBB140X	BBB142X	BBB340X	BBB342X
	-	BBB24LF	BBB24RF	-	-	BBB240X	BBB242X	-	-
	CCB44F	CCB14LF	CCB14RF	CCB34LF	CCB34RF	CCB140X	CCB142X	CCB340X	CCB342X
	-	CCB24LF	CCB24RF	-	-	CCB240X	CCB242X	-	-
	BBB44FC	BBB14LFC	BBB14RFC	BBB34LFC	BBB34RFC	BBB140XC	BBB142XC	BBB340XC	BBB342XC
	-	BBB24LFC	BBB24RFC	-	-	BBB240XC	BBB242XC	-	-
	CCB44FC	CCB14LFC	CCB14RFC	CCB34LFC	CCB34RFC	CCB140XC	CCB142XC	CCB340XC	CCB342XC
	-	CCB24LFC	CCB24RFC	-	-	CCB240XC	CCB242XC	-	-
	-	BBB15LF	BBB15RF	BBB35LF	BBB35RF	BBB150X	BBB152X	BBB350X	BBB352X
	-	BBB25LF	BBB25RF	-	-	BBB250X	BBB252X	-	-
	-	CCB15LF	CCB15RF	CCB35LF	CCB35RF	CCB150X	CCB152X	CCB350X	CCB352X
	-	CCB25LF	CCB25RF	-	-	CCB250X	CCB252X	-	-
	-	BBB15LFC	BBB15RFC	BBB35LFC	BBB35RFC	BBB150XC	BBB152XC	BBB350XC	BBB352XC
	-	BBB25LFC	BBB25RFC	-	-	BBB250XC	BBB252XC	-	-
	-	CCB15LFC	CCB15RFC	CCB35LFC	CCB35RFC	CCB150XC	CCB152XC	CCB350XC	CCB352XC
	-	CCB25LFC	CCB25RFC	-	-	CCB250XC	CCB252XC	-	-






# Electrak® busbar / buscom trunking

4P + E systems : dual circuit and 3 phase






					3 m track 0-5 m spacings	2 m track 0-5 m spacings	3 m track 1-0 m spacings	2 m track 1-0 m spacings			
SYSTEM	IP RATING	POWER/ COMMS	RATING	OUTLETS							
<b>Electrak 32</b> Dual circuit system	<b>IP 4X</b>	<b>Busbar</b> (Power only)	<b>25 A</b>	Single sided	BBC3145	BBC2145	BBC3141	BBC2141			
				Double sided	BBC3245	BBC2245	BBC3241	BBC2241			
			<b>40 A</b>	Single sided	CCC3145	CCC2145	CCC3141	CCC2141			
				Double sided	CCC3245	CCC2245	CCC3241	CCC2241			
		<b>Buscom</b> (Power and comms)	<b>25 A</b>	Single sided	BBC3145C	BBC2145C	BBC3141C	BBC2141C			
				Double sided	BBC3245C	BBC2245C	BBC3241C	BBC2241C			
			<b>40 A</b>	Single sided	CCC3145C	CCC2145C	CCC3141C	CCC2141C			
				Double sided	CCC3245C	CCC2245C	CCC3241C	CCC2241C			
		<b>IP 54</b>	<b>Busbar</b> (Power only)	<b>25 A</b>	Single sided	BBC3155	BBC2155	BBC3151	BBC2151		
					Double sided	BBC3255	BBC2255	BBC3251	BBC2251		
				<b>40 A</b>	Single sided	CCC3155	CCC2155	CCC3151	CCC2151		
					Double sided	CCC3255	CCC2255	CCC3251	CCC2251		
	<b>Buscom</b> (Power and comms)		<b>25 A</b>	Single sided	BBC3155C	BBC2155C	BBC3151C	BBC2151C			
				Double sided	BBC3255C	BBC2255C	BBC3251C	BBC2251C			
			<b>40 A</b>	Single sided	CCC3155C	CCC2155C	CCC3151C	CCC2151C			
				Double sided	CCC3255C	CCC2255C	CCC3251C	CCC2251C			
	<b>Electrak 33</b> 3 phase system		<b>IP 4X</b>	<b>Busbar</b> (Power only)	<b>25 A</b>	Single sided	BBD3145	BBD2145	BBD3141	BBD2141	
						Double sided	BBD3245	BBD2245	BBD3241	BBD2241	
					<b>40 A</b>	Single sided	CCD3145	CCD2145	CCD3141	CCD2141	
						Double sided	CCD3245	CCD2245	CCD3241	CCD2241	
		<b>Buscom</b> (Power and comms)		<b>25 A</b>	Single sided	BBD3145C	BBD2145C	BBD3141C	BBD2141C		
					Double sided	BBD3245C	BBD2245C	BBD3241C	BBD2241C		
				<b>40 A</b>	Single sided	CCD3145C	CCD2145C	CCD3141C	CCD2141C		
					Double sided	CCD3245C	CCD2245C	CCD3241C	CCD2241C		
<b>IP 54</b>		<b>Busbar</b> (Power only)		<b>25 A</b>	Single sided	BBD3155	BBD2155	BBD3151	BBD2151		
					Double sided	BBD3255	BBD2255	BBD3251	BBD2251		
				<b>40 A</b>	Single sided	CCD3155	CCD2155	CCD3151	CCD2151		
					Double sided	CCD3255	CCD2255	CCD3251	CCD2251		
		<b>Buscom</b> (Power and comms)	<b>25 A</b>	Single sided	BBD3155C	BBD2155C	BBD3151C	BBD2151C			
				Double sided	BBD3255C	BBD2255C	BBD3251C	BBD2251C			
			<b>40 A</b>	Single sided	CCD3155C	CCD2155C	CCD3151C	CCD2151C			
				Double sided	CCD3255C	CCD2255C	CCD3251C	CCD2251C			

	Centre feed	Suspended feed unit left hand	Suspended feed unit right hand	Surface feed unit left hand	Surface feed unit right hand	Suspended flexible corner 0-5 m	Suspended flexible corner 2-0 m	Surface flexible corner 0-5 m	Surface flexible corner 2-0 m
									
	BBC44F	BBC14LF	BBC14RF	BBC34LF	BBC34RF	BBC140X	BBC142X	BBC340X	BBC342X
	-	BBC24LF	BBC24RF	-	-	BBC240X	BBC242X	-	-
	CCC44F	CCC14LF	CCC14RF	CCC34LF	CCC34RF	CCC140X	CCC142X	CCC340X	CCC342X
	-	CCC24LF	CCC24RF	-	-	CCC240X	CCC242X	-	-
	BBC44FC	BBC14LFC	BBC14RFC	BBC34LFC	BBC34RFC	BBC140XC	BBC142XC	BBC340XC	BBC342XC
	-	BBC24LFC	BBC24RFC	-	-	BBC240XC	BBC242XC	-	-
	CCC44FC	CCC14LFC	CCC14RFC	CCC34LFC	CCC34RFC	CCC140XC	CCC142XC	CCC340XC	CCC342XC
	-	CCC24LFC	CCC24RFC	-	-	CCC240XC	CCC242XC	-	-
	-	BBC15LF	BBC15RF	BBC35LF	BBC35RF	BBC150X	BBC152X	BBC350X	BBC352X
	-	BBC25LF	BBC25RF	-	-	BBC250X	BBC252X	-	-
	-	CCC15LF	CCC15RF	CCC35LF	CCC35RF	CCC150X	CCC152X	CCC350X	CCC352X
	-	CCC25LF	CCC25RF	-	-	CCC250X	CCC252X	-	-
	-	BBC15LFC	BBC15RFC	BBC35LFC	BBC35RFC	BBC150XC	BBC152XC	BBC350XC	BBC352XC
	-	BBC25LFC	BBC25RFC	-	-	BBC250XC	BBC252XC	-	-
	-	CCC15LFC	CCC15RFC	CCC35LFC	CCC35RFC	CCC150XC	CCC152XC	CCC350XC	CCC352XC
	-	CCC25LFC	CCC25RFC	-	-	CCC250XC	CCC252XC	-	-
	BBD44F	BBD14LF	BBD14RF	BBD34LF	BBD34RF	BBD140X	BBD142X	BBD340X	BBD342X
	-	BBD24LF	BBD24RF	-	-	BBD240X	BBD242X	-	-
	CCD44F	CCD14LF	CCD14RF	CCD34LF	CCD34RF	CCD140X	CCD142X	CCD340X	CCD342X
	-	CCD24LF	CCD24RF	-	-	CCD240X	CCD242X	-	-
	BBD44FC	BBD14LFC	BBD14RFC	BBD34LFC	BBD34RFC	BBD140XC	BBD142XC	BBD340XC	BBD342XC
	-	BBD24LFC	BBD24RFC	-	-	BBD240XC	BBD242XC	-	-
	CCD44FC	CCD14LFC	CCD14RFC	CCD34LFC	CCD34RFC	CCD140XC	CCD142XC	CCD340XC	CCD342XC
	-	CCD24LFC	CCD24RFC	-	-	CCD240XC	CCD242XC	-	-
	-	BBD15LF	BBD15RF	BBD35LF	BBD35RF	BBD150X	BBD152X	BBD350X	BBD352X
	-	BBD25LF	BBD25RF	-	-	BBD250X	BBD252X	-	-
	-	CCD15LF	CCD15RF	CCD35LF	CCD35RF	CCD150X	CCD152X	CCD350X	CCD352X
	-	CCD25LF	CCD25RF	-	-	CCD250X	CCD252X	-	-
	-	BBD15LFC	BBD15RFC	BBD35LFC	BBD35RFC	BBD150XC	BBD152XC	BBD350XC	BBD352XC
	-	BBD25LFC	BBD25RFC	-	-	BBD250XC	BBD252XC	-	-
	-	CCD15LFC	CCD15RFC	CCD35LFC	CCD35RFC	CCD150XC	CCD152XC	CCD350XC	CCD352XC
	-	CCD25LFC	CCD25RFC	-	-	CCD250XC	CCD252XC	-	-

# Electrak® busbar / buscom trunking tap-offs

			13 A FUSED TAP-OFFS							
				Rewirable	0-8 m	2 m	3 m	5 m		
SYSTEM	PHASE	IP RATING								
Electrak 30 2P + E system	L + N	IP 4X	With comms	-	DDE408FC	DDE42FC	DDE43FC	DDE45FC		
			No comms	DDF4F	DDE408F	DDE42F	DDE43F	DDE45F		
		IP 54	With comms	-	DDE508FC	DDE52FC	DDE53FC	DDE55FC		
			No comms	DDF5F	DDE508F	DDE52F	DDE53F	DDE55F		
Electrak 31 3P + E system	L1 N	IP 4X	With comms	-	DDE408FC	DDE42FC	DDE43FC	DDE45FC		
			No comms	DDF4F	DDE408F	DDE42F	DDE43F	DDE45F		
		IP 54	With comms	-	DDE508FC	DDE52FC	DDE53FC	DDE55FC		
			No comms	DDF5F	DDE508F	DDE52F	DDE53F	DDE55F		
	L1 L2 N	IP 4X	With comms	-	DDG408FC	DDG42FC	DDG43FC	DDG45FC		
			No comms	DDH4F	DDG408F	DDG42F	DDG43F	DDG45F		
IP 54		With comms	-	DDG508FC	DDG52FC	DDG53FC	DDG55FC			
		No comms	DDH5F	DDG508F	DDG52F	DDG53F	DDG55F			
Electrak 32 Dual circuit system	L1 N1	IP 4X	With comms	-	DDE408FC	DDE42FC	DDE43FC	DDE45FC		
			No comms	DDF4F	DDE408F	DDE42F	DDE43F	DDE45F		
		IP 54	With comms	-	DDE508FC	DDE52FC	DDE53FC	DDE55FC		
			No comms	DDF5F	DDE508F	DDE52F	DDE53F	DDE55F		
	L2 N2	IP 4X	With comms	-	DDJ408FC	DDJ42FC	DDJ43FC	DDJ45FC		
			No comms	DDK4F	DDJ408F	DDJ42F	DDJ43F	DDJ45F		
IP 54		With comms	-	DDJ508FC	DDJ52FC	DDJ53FC	DDJ55FC			
		No comms	DDK5F	DDJ508F	DDJ52F	DDJ53F	DDJ55F			
Electrak 33 3 phase system	L1 N	IP 4X	With comms	-	DDM408L1FC	DDM42L1FC	DDM43L1FC	DDM45L1FC		
			No comms	DDN4L1F	DDM408L1F	DDM42L1F	DDM43L1F	DDM45L1F		
		IP 54	With comms	-	DDM508L1FC	DDM52L1FC	DDM53L1FC	DDM55L1FC		
			No comms	DDN5L1F	DDM508L1F	DDM52L1F	DDM53L1F	DDM55L1F		
		L2 N	IP 4X	With comms	-	DDM408L2FC	DDM42L2FC	DDM43L2FC	DDM45L2FC	
				No comms	DDN4L2F	DDM408L2F	DDM42L2F	DDM43L2F	DDM45L2F	
	IP 54		With comms	-	DDM508L2FC	DDM52L2FC	DDM53L2FC	DDM55L2FC		
			No comms	DDN5L2F	DDM508L2F	DDM52L2F	DDM53L2F	DDM55L2F		
	L3 N	IP 4X	With comms	-	DDM408L3FC	DDM42L3FC	DDM43L3FC	DDM45L3FC		
			No comms	DDN4L3F	DDM408L3F	DDM42L3F	DDM43L3F	DDM45L3F		
		IP 54	With comms	-	DDM508L3FC	DDM52L3FC	DDM53L3FC	DDM55L3FC		
			No comms	DDN5L3F	DDM508L3F	DDM52L3F	DDM53L3F	DDM55L3F		
		Phase selectable	IP 4X	With comms	-	-	-	-	-	
				No comms	DDP4SF	-	-	-	-	
	IP 54		With comms	-	-	-	-	-		
			No comms	DDP5SF	-	-	-	-		
L + L + L + N	IP 4X	With comms	-	-	-	-	-			
		No comms	-	-	-	-	-			
	IP 54	With comms	-	-	-	-	-			
		No comms	-	-	-	-	-			

**16 A UNFUSED TAP-OFFS**

Rewirable	0-8 m	2 m	3 m	5 m
				
–	DDE408C	DDE42C	DDE43C	DDE45C
DDF4	DDE408	DDE42	DDE43	DDE45
–	DDE508C	DDE52C	DDE53C	DDE55C
DDF5	DDE508	DDE52	DDE53	DDE55
–	DDE408C	DDE42C	DDE43C	DDE45C
DDF4	DDE408	DDE42	DDE43	DDE45
–	DDE508C	DDE52C	DDE53C	DDE55C
DDF5	DDE508	DDE52	DDE53	DDE55
–	DDG408C	DDG42C	DDG43C	DDG45C
DDH4	DDG408	DDG42	DDG43	DDG45
–	DDG508C	DDG52C	DDG53C	DDG55C
DDH5	DDG508	DDG52	DDG53	DDG55
–	DDE408C	DDE42C	DDE43C	DDE45C
DDF4	DDE408	DDE42	DDE43	DDE45
–	DDE508C	DDE52C	DDE53C	DDE55C
DDF5	DDE508	DDE52	DDE53	DDE55
–	DDJ408C	DDJ42C	DDJ43C	DDJ45C
DDK4	DDJ408	DDJ42	DDJ43	DDJ45
–	DDJ508C	DDJ52C	DDJ53C	DDJ55C
DDK5	DDJ508	DDJ52	DDJ53	DDJ55
–	DDM408L1C	DDM42L1C	DDM43L1C	DDM45L1C
DDN4L1	DDM408L1	DDM42L1	DDM43L1	DDM45L1
–	DDM508L1C	DDM52L1C	DDM53L1C	DDM55L1C
DDN5L1	DDM508L1	DDM52L1	DDM53L1	DDM55L1
–	DDM408L2C	DDM42L2C	DDM43L2C	DDM45L2C
DDN4L2	DDM408L2	DDM42L2	DDM43L2	DDM45L2
–	DDM508L2C	DDM52L2C	DDM53L2C	DDM55L2C
DDN5L2	DDM508L2	DDM52L2	DDM53L2	DDM55L2
–	DDM408L3C	DDM42L3C	DDM43L3C	DDM45L3C
DDN4L3	DDM408L3	DDM42L3	DDM43L3	DDM45L3
–	DDM508L3C	DDM52L3C	DDM53L3C	DDM55L3C
DDN5L3	DDM508L3	DDM52L3	DDM53L3	DDM55L3
–	–	–	–	–
DDP4S	–	–	–	–
–	–	–	–	–
DDP5S	–	–	–	–
–	–	–	–	–
–	DDR408	DDR42	DDR43	DDR45
–	–	–	–	–
–	DDR508	DDR52	DDR53	DDR55

# Electrak® 30 2P + E busbar / buscom trunking

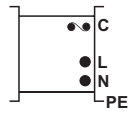
power and communication distribution



Selection chart (p. 50-51)  
 Dimensions and technical information (p. 66-71)

Integral communication bus suitable for KNX, Lonworks, DALI protocols, etc. 25 A and 40 A systems  
 Outlets on one or two sides. IP 4X or IP 54 ingress protection  
 Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	<b>Electrak 30 2 pole + earth – single sided system</b>		
		2P + E busbar trunking system available in IP 4X and IP 54 versions, with or without integral communications bus circuit Socket outlets are colour coded white and are located on just one side of the bar		
		<b>2P + E trunking lengths</b>		
		Trunking lengths push fit into each other, and feed units or flexible lengths. Trunking lengths can be surface mounted or suspended using the various bracket options		
		Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>
	25 A			
1	BBA3145C	3	6	4.47
1	BBA2145C	2	4	3.27
1	BBA3141C	3	3	4.42
1	BBA2141C	2	2	3.24
	40 A			
1	CCA3145C	3	6	4.57
1	CCA2145C	2	4	3.36
1	CCA3141C	3	3	4.52
1	CCA2141C	2	2	3.31



Pack	Cat. Nos.	<b>Flexible lengths for single sided system</b>		
		Flexible lengths can be used to change direction, change level or overcome obstructions		
		<b>Suspended – right to left</b>		
	25 A	Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>
1	BBA140XC	0.5	25	2.91
1	BBA142XC	2	25	3.21
1	CCA140XC	0.5	40	2.94
1	CCA142XC	2	40	3.33
		<b>Surface mounted – right to left</b>		
	25 A	Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>
1	BBA340XC	0.5	25	2.99
1	BBA342XC	2	25	3.05
1	CCA340XC	0.5	40	3.02
1	CCA342XC	2	40	3.41

		<b>Feed units for single sided system</b>	
		Feed units come with 2 x 25 mm Ø cable entry holes and single screw cable terminals for power and also data for buscom varieties Left feed units are supplied with right end stop Right feed units are supplied with left end stop Centre feed units are supplied with right and left end stops	
		<b>Suspended</b>	
			Weight (kg) <sup>(1)</sup>
1	BBA14LFC	25 A left	1.22
1	BBA14RFC	25 A right	1.49
1	CCA14LFC	40 A left	1.27
1	CCA14RFC	40 A right	1.49
		<b>Surface mounted</b>	
			Weight (kg) <sup>(1)</sup>
1	BBA34LFC	25 A left	1.31
1	BBA34RFC	25 A right	1.54
1	CCA34LFC	40 A left	1.31
1	CCA34RFC	40 A right	1.54
		<b>Centre feed</b>	
			Weight (kg) <sup>(1)</sup>
1	BBA44FC	25 A	1.8
1	CCA44FC	40 A	1.8

(1) Weights shown are for IP 4X rated buscom. For all other weights, contact us on +44 (0) 845 600 6266

**Key : How to select the correct components**  
 All examples on this page show IP 4X buscom trunking  
 IP rating and trunking type is dictated by the red letters  
**4** = IP 4X. For IP 54 version, replace 4 with 5  
**C** = Buscom (with communications circuit). For busbar (power only), remove the C

# Electrak® 30 2P + E busbar / buscom trunking

power and communication distribution



CCA3245C



CCA2245C



DDE408C



DDE408



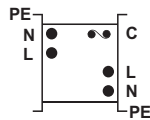
DDE408F



Selection chart (p. 50-51)  
Dimensions and technical information (p. 66-71)

Integral communication bus suitable for KNX, Lonworks, DALI protocols, etc. 25 A and 40 A systems  
Outlets on one or two sides. IP 4X or IP 54 ingress protection  
Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	<b>Electrak 30 2 pole + earth – double sided system</b>		
		2P + E busbar trunking system available in IP 4X and IP 54 versions, with or without integral communications bus circuit Socket outlets are colour coded white and are located on just one side of the bar		
		<b>2P + E trunking lengths</b> Trunking lengths push fit into each other, and feed units or flexible lengths. Double sided trunking must be fixed using suspended fixing brackets		
		Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>
	25 A			
1	BBA3245C	3	11	4.85
1	BBA2245C	2	7	3.52
1	BBA3241C	3	6	4.70
1	BBA2241C	2	4	3.47
	40 A			
1	CCA3245C	3	11	5.05
1	CCA2245C	2	7	3.65
1	CCA3241C	3	6	4.96
1	CCA2241C	2	4	3.61



Pack	Cat. Nos.	<b>Tap-off units</b>		
		<b>16 A unfused tap-off units</b> Pre-wired tap-off units to pick-up L1+N, colour coded white, can plug into any tap-off outlet		
		Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDE408C	0.8		0.2
1	DDE42C	2	L + N	0.4
1	DDE43C	3		0.5
1	DDE45C	5		0.7
		<b>13 A fused tap-off units</b> Pre-wired tap-off units to pick-up L1+N, supplied with BS 1362 fuse, colour coded white, can plug into any tap-off outlet		
		Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDE408FC	0.8		0.2
1	DDE42FC	2	L + N	0.4
1	DDE43FC	3		0.5
1	DDE45FC	5		0.7

<b>Feed units for double sided system</b>			
		Double sided feed units come with 2 x 25 mm Ø cable entry holes for each side. Single screw cable terminals are provided for power and also data for buscom varieties	
		<b>Suspended</b>	
			Weight (kg) <sup>(1)</sup>
1	BBA24LFC	25 A left	1.29
1	BBA24RFC	25 A right	1.51
1	CCA24LFC	40 A left	1.39
1	CCA24RFC	40 A right	1.61

<b>Tap-off units – rewirable</b>			
		<b>16 A unfused tap-off unit</b> Pre-wired tap-off units to pick-up L1+N, colour coded white, can plug into any tap-off outlet	
		Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDF4	L + N	0.14
		<b>13 A fused tap-off unit</b> Pre-wired tap-off units to pick-up L1+N, supplied with BS 1362 fuse, colour coded white, can plug into any tap-off outlet	
		Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDF4	L + N	0.14

<b>Flexible lengths for double sided system</b>			
		Flexible lengths can be used to change direction, change level or overcome obstructions	
		<b>Suspended – right to left</b>	
		Length (m)	Tap-off outlets
	25 A		Weight (kg) <sup>(1)</sup>
1	BBA240XC	0.5	25
1	BBA242XC	2	25
1	CCA240XC	0.5	40
1	CCA242XC	2	40

(1) Weights shown are for IP 4X rated buscom. For all other weights, contact us on +44 (0) 845 600 6266

**Key : How to select the correct components**  
All examples on this page show IP 4X buscom trunking  
IP rating and trunking type is dictated by the red letters  
4 = IP 4X. For IP 54 version, replace 4 with 5  
C = Buscom (with communications circuit). For busbar (power only), remove the C

# Electrak® 31 3P + E busbar / buscom trunking

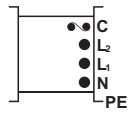
power and communication distribution



Selection chart (p. 50-51)  
 Dimensions and technical information (p. 66-71)

Integral communication bus suitable for KNX, Lonworks, DALI, protocols etc. 25 A and 40 A systems  
 Outlets on one or two sides. IP 4X or IP 54 ingress protection  
 Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	<b>Electrak 31 3 pole + earth – single sided system</b>		
		3P + E busbar trunking system available in IP 4X and IP 54 versions, with or without integral communications bus circuit Socket outlets are colour coded white and are located on just one side of the bar		
		<b>3P + E trunking lengths</b>		
		Trunking lengths push fit into each other, and feed units or flexible lengths. Trunking lengths can be surface mounted or suspended using the various bracket options		
		Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>
	25 A			
1	BBB3145C	3	6	4.62
1	BBB2145C	2	4	3.37
1	BBB3141C	3	3	4.58
1	BBB2141C	2	2	3.34
	40 A			
1	CCB3145C	3	6	4.77
1	CCB2145C	2	4	3.47
1	CCB3141C	3	3	4.73
1	CCB2141C	2	2	3.44



Pack	Cat. Nos.	<b>Flexible lengths for single sided system</b>		
		Flexible lengths can be used to change direction, change level or overcome obstructions		
		<b>Suspended – right to left</b>		
		Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>
1	BBB140XC	0.5	25	3.04
1	BBB142XC	2	25	3.40
1	CCB140XC	0.5	40	3.08
1	CCB142XC	2	40	3.56
		<b>Surface mounted – right to left</b>		
		Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>
1	BBB340XC	0.5	25	2.99
1	BBB342XC	2	25	3.32
1	CCB340XC	0.5	40	3.00
1	CCB342XC	2	40	3.48

Pack	Cat. Nos.	<b>Feed units for single sided system</b>	
		Feed units come with 2 x 25 mm Ø cable entry holes and single screw cable terminals for power and also data for buscom varieties Left feed units are supplied with right end stop Right feed units are supplied with left end stop Centre feed units are supplied with right and left end stops	
		<b>Suspended</b>	
			Weight (kg) <sup>(1)</sup>
1	BBB14LFC	25 A left	1.25
1	BBB14RFC	25 A right	1.48
1	CCB14LFC	40 A left	1.33
1	CCB14RFC	40 A right	1.55
		<b>Surface mounted</b>	
			Weight (kg) <sup>(1)</sup>
1	BBB34LFC	25 A left	1.29
1	BBB34RFC	25 A right	1.52
1	CCB34LFC	40 A left	1.37
1	CCB34RFC	40 A right	1.59
		<b>Centre feed</b>	
			Weight (kg) <sup>(1)</sup>
1	BBB44FC	25 A	1.8
1	CCB44FC	40 A	1.8

**Key : How to select the correct components**  
 All examples on this page show IP 4X buscom trunking  
 IP rating and trunking type is dictated by the red letters  
**4** = IP 4X. For IP 54 version, replace 4 with 5  
**C** = Buscom (with communications circuit). For busbar (power only), remove the C

(1) Weights shown are for IP 4X rated buscom. For all other weights, contact us on +44 (0) 845 600 6266

# Electrak® 31 3P + E busbar / buscom trunking

power and communication distribution



CCB3245C



CCB2245C



DDE408C



DDE408



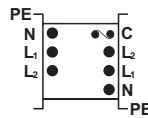
DDE408F



Selection chart (p. 50-51)  
Dimensions and technical information (p. 66-71)

Integral communication bus suitable for KNX, Lonworks, DALI protocols, etc. 25 A and 40 A systems  
Outlets on one or two sides. IP 4X or IP 54 ingress protection  
Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	<b>Electrak 31 3 pole + earth – double sided system</b>		
		3P + E busbar trunking system available in IP 4X and IP 54 versions, with or without integral communications bus circuit Socket outlets are colour coded white and are located on both sides of the bar		
		<b>3P + E trunking lengths</b>		
		Trunking lengths push fit into each other, and feed units or flexible lengths. Double sided trunking must be fixed using suspended fixing brackets		
		Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>
	25 A			
1	BBB3245C	3	11	5.15
1	BBB2245C	2	7	3.72
1	BBB3241C	3	6	5.06
1	BBB2241C	2	4	3.68
	40 A			
1	CCB3245C	3	11	5.45
1	CCB2245C	2	7	3.92
1	CCB3241C	3	6	5.36
1	CCB2241C	2	4	3.88



<b>Feed units for double sided system</b>			
		Double sided feed units come with 2 x 25 mm Ø cable entry holes for each side. Single screw cable terminals are provided for power and also data for buscom varieties	
		<b>Suspended</b>	
			Weight (kg) <sup>(1)</sup>
1	BBB24LFC	25 A left	1.35
1	BBB24RFC	25 A right	1.58
1	CCB24LFC	40 A left	1.49
1	CCB24RFC	40 A right	1.72

<b>Flexible lengths for double sided system</b>			
		Flexible lengths can be used to change direction, change level or overcome obstructions	
		<b>Suspended – right to left</b>	
		Length (m)	Rating (A)
			Weight (kg) <sup>(1)</sup>
1	BBB240XC	0.5	25
1	BBB242XC	2	25
1	CCB240XC	0.5	40
1	CCB242XC	2	40

Pack	Cat. Nos.	<b>Tap-off units</b>		
		<b>16 A unfused tap-off units</b>		
		Pre-wired tap-off units to pick up L1, L2+N, colour coded white, can plug into any tap-off outlet		
		Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDE408C	0.8		0.2
1	DDE42C	2	L + N	0.4
1	DDE43C	3		0.5
1	DDE45C	5		0.7
1	DDG408C	0.8		0.2
1	DDG42C	2	L1 + L2 + N	0.4
1	DDG43C	3		0.5
1	DDG45C	5		0.7
		<b>13 A fused tap-off units</b>		
		Pre-wired tap-off units to pick-up L1, L2+N, supplied with BS 1362 fuse, colour coded white, can plug into any tap-off outlet		
		Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDE408FC	0.8		0.2
1	DDE42FC	2	L + N	0.4
1	DDE43FC	3		0.5
1	DDE45FC	5		0.7
1	DDG408FC	0.8		0.2
1	DDG42FC	2	L1 + L2 + N	0.4
1	DDG43FC	3		0.5
1	DDG45FC	5		0.7

<b>Tap-off units – rewirable</b>			
		<b>16 A unfused tap-off unit</b>	
		Rewirable tap-off units to pick-up L1, L2+N, colour coded white, can plug into any tap-off outlet	
		Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDH4	L1 L2 N1	0.14
		<b>13 A fused tap-off unit</b>	
		Rewirable tap-off units to pick-up L1, L2+N, supplied with BS 1362 fuse, colour coded white, can plug into any tap-off outlet	
		Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDH4F	L1 L2 N1	0.14

(1) Weights shown are for IP 4X rated buscom. For all other weights, contact us on +44 (0) 845 600 6266

# Electrak® 32 4P + E (dual circuit) busbar / buscom trunking

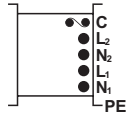
power and communication distribution



Selection chart (p. 52-53)  
 Dimensions and technical information (p. 66-71)

Integral communication bus suitable for KNX, Lonworks, DALI protocols, etc. 25 A and 40 A systems  
 Outlets on one or two sides. IP 4X or IP 54 ingress protection  
 Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	<b>Electrak 32 4 pole + earth (dual circuit) – single sided system</b>		
Dual circuit busbar trunking system available in IP 4X and IP 54 versions, with or without integral communications bus circuit Socket outlets are colour coded white and are located on just one side of the bar				
<b>4 P + E trunking lengths</b>				
Trunking lengths push fit into each other, and feed units or flexible lengths. Trunking lengths can be surface mounted or suspended using the various bracket options				
		Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>
1	25 A BBC3145C	3	6	4.77
1	BBC2145C	2	4	3.47
1	BBC3141C	3	3	4.73
1	BBC2141C	2	2	3.44
1	40 A CCC3145C	3	6	4.97
1	CCC2145C	2	4	3.61
1	CCC3141C	3	3	4.93
1	CCC2141C	2	2	3.58



Pack	Cat. Nos.	<b>Flexible lengths for single sided system</b>		
Flexible lengths can be used to change direction, change level or overcome obstructions				
<b>Suspended – right to left</b>				
		Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>
1	BBC140XC	0.5	25	3.17
1	BBC142XC	2	25	3.59
1	CCC140XC	0.5	40	3.22
1	CCC142XC	2	40	3.79
<b>Surface mounted – right to left</b>				
		Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>
1	BBC340XC	0.5	25	3.09
1	BBC342XC	2	25	3.51
1	CCC340XC	0.5	40	3.14
1	CCC342XC	2	40	3.71

<b>Feed units for single sided system</b>				
Feed units come with 2 x 25 mm Ø cable entry holes and single screw cable terminals for power and also data for buscom varieties Left feed units are supplied with right end stop Right feed units are supplied with left end stop Centre feed units are supplied with right and left end stops				
<b>Suspended</b>				
			Weight (kg) <sup>(1)</sup>	
1	BBC14LFC	25 A left	1.29	
1	BBC14RFC	25 A right	1.52	
1	CCC14LFC	40 A left	1.38	
1	CCC14RFC	40 A right	1.61	
<b>Surface mounted</b>				
			Weight (kg) <sup>(1)</sup>	
1	BBC34LFC	25 A left	1.33	
1	BBC34RFC	25 A right	1.56	
1	CCC34LFC	40 A left	1.42	
1	CCC34RFC	40 A right	1.65	
<b>Centre feed</b>				
			Weight (kg) <sup>(1)</sup>	
1	BBC44FC	25 A	1.8	
1	CCC44FC	40 A	1.8	

(1) Weights shown are for IP 4X rated buscom. For all other weights, contact us on +44 (0) 845 600 6266

**Key : How to select the correct components**  
 All examples on this page show IP 4X buscom trunking  
 IP rating and trunking type is dictated by the red letters  
**4** = IP 4X. For IP 54 version, replace **4** with **5**  
**C** = Buscom (with communications circuit). For busbar (power only), remove the **C**

# Electrak® 32 4P + E (dual circuit) busbar / buscom trunking

power and communication distribution



CCC3245C



CCC2245C



DDE408C



DDE408



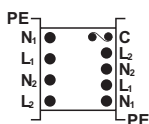
DDE408F



Selection chart (p. 52-53)  
Dimensions and technical information (p. 66-71)

Integral communication bus suitable for KNX, Lonworks, DALI protocols, etc. 25 A and 40 A systems  
Outlets on one or two sides. IP 4X or IP 54 ingress protection  
Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	<b>Electrak 32 4 pole + earth (dual circuit) – double sided system</b>		
		Dual circuit busbar trunking system available in IP 4X and IP 54 versions, with or without integral communications bus circuit Socket outlets are colour coded white and are located on just one side of the bar		
		<b>4 P + E trunking lengths</b>		
		Trunking lengths push fit into each other, and feed units or flexible lengths. Double sided trunking must be fixed using suspended fixing brackets		
		Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>
	25 A			
1	BBC3245C	3	11	5.46
1	BBC2245C	2	7	3.92
1	BBC3241C	3	6	5.37
1	BBC2241C	2	4	3.88
	40 A			
1	CCC3245C	3	11	5.86
1	CCC2245C	2	7	4.70
1	CCC3241C	3	6	5.77
1	CCC2241C	2	4	4.15



<b>Feed units for double sided system</b>			
Double sided feed units come with 2 x 25 mm Ø cable entry holes for each side. Single screw cable terminals are provided for power and also data for buscom varieties			
<b>Suspended</b>			
		Weight (kg) <sup>(1)</sup>	
1	BBC24LFC	25 A left	1.42
1	BBC24RFC	25 A right	1.64
1	CCC24LFC	40 A left	1.60
1	CCC24RFC	40 A right	1.83

<b>Flexible lengths for double sided system</b>			
Flexible lengths can be used to change direction, change level or overcome obstructions			
<b>Suspended – right to left</b>			
		Length (m)	Rating (A)
			Weight (kg) <sup>(1)</sup>
1	BBC240XC	0.5	25
1	BBC242XC	2	25
1	CCC240XC	0.5	40
1	CCC242XC	2	40

Pack	Cat. Nos.	<b>Tap-off units</b>		
<b>16 A unfused tap-off units</b>				
Pre-wired tap-off units to pick up L1, L2+N, colour coded white, can plug into any tap-off outlet				
		Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDE408C	0.8	L1 + N1	0.2
1	DDE42C	2		0.4
1	DDE43C	3		0.5
1	DDE45C	5		0.6
1	DDJ408C	0.8	L2 + N2	0.2
1	DDJ42C	2		0.4
1	DDJ43C	3		0.5
1	DDJ45C	5		0.6
<b>13 A fused tap-off units</b>				
Pre-wired tap-off units to pick up L1, L2+N, supplied with BS 1362 fuse, colour coded white, can plug into any tap-off outlet				
		Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDE408FC	0.8	L1 + N1	0.2
1	DDE42FC	2		0.4
1	DDE43FC	3		0.5
1	DDE45FC	5		0.6
1	DDJ408FC	0.8	L2 + N2	0.2
1	DDJ42FC	2		0.4
1	DDJ43FC	3		0.5
1	DDJ45FC	5		0.6

<b>Tap-off units – rewirable</b>			
<b>16 A unfused tap-off units</b>			
Rewirable tap-off units to pick up required circuit, colour coded white, can plug into any tap-off outlet			
		Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDF4	L1 + N1	0.14
1	DDK4	L2 + N2	0.14
<b>13 A fused tap-off units</b>			
Rewirable tap-off units to pick up required circuit, supplied with BS 1362 fuse, colour coded white, can plug into any tap-off outlet			
		Fixed polarity	Weight (kg) <sup>(1)</sup>
1	DDF4F	L1 + N1	0.14
1	DDK4F	L2 + N2	0.14

(1) Weights shown are for IP 4X rated buscom. For all other weights, contact us on +44 (0) 845 600 6266

# Electrak® 33 4P + E (3 phase) busbar / buscom trunking

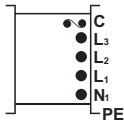
power and communication distribution



Selection chart (p. 52-53)  
Dimensions and technical information (p. 66-71)

Integral communication bus suitable for KNX, Lonworks, DALI protocols, etc. 25 A and 40 A systems  
Outlets on one or two sides. IP 4X or IP 54 ingress protection  
Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	Electrak 33 4 pole + earth (3 phase) – single sided system															
		3 phase busbar trunking system available in IP 4X and IP 54 versions, with or without integral communications bus circuit Socket outlets are colour coded grey and are located on just one side of the bar															
		<b>4 P + E trunking lengths</b> Trunking lengths push fit into each other, and feed units or flexible lengths. Trunking lengths can be surface mounted or suspended using the various bracket options															
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Tap-off outlets</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>6</td> <td>4.77</td> </tr> <tr> <td>2</td> <td>4</td> <td>3.47</td> </tr> <tr> <td>3</td> <td>3</td> <td>4.75</td> </tr> <tr> <td>2</td> <td>2</td> <td>3.44</td> </tr> </tbody> </table>	Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>	3	6	4.77	2	4	3.47	3	3	4.75	2	2	3.44
Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>															
3	6	4.77															
2	4	3.47															
3	3	4.75															
2	2	3.44															
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Tap-off outlets</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>6</td> <td>4.97</td> </tr> <tr> <td>2</td> <td>4</td> <td>3.61</td> </tr> <tr> <td>3</td> <td>3</td> <td>4.93</td> </tr> <tr> <td>2</td> <td>2</td> <td>3.58</td> </tr> </tbody> </table>	Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>	3	6	4.97	2	4	3.61	3	3	4.93	2	2	3.58
Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>															
3	6	4.97															
2	4	3.61															
3	3	4.93															
2	2	3.58															
		<table border="1"> <thead> <tr> <th>25 A</th> <th>40 A</th> </tr> </thead> <tbody> <tr> <td>1 BBD3145C</td> <td>1 CCD3145C</td> </tr> <tr> <td>1 BBD2145C</td> <td>1 CCD2145C</td> </tr> <tr> <td>1 BBD3141C</td> <td>1 CCD3141C</td> </tr> <tr> <td>1 BBD2141C</td> <td>1 CCD2141C</td> </tr> </tbody> </table>	25 A	40 A	1 BBD3145C	1 CCD3145C	1 BBD2145C	1 CCD2145C	1 BBD3141C	1 CCD3141C	1 BBD2141C	1 CCD2141C					
25 A	40 A																
1 BBD3145C	1 CCD3145C																
1 BBD2145C	1 CCD2145C																
1 BBD3141C	1 CCD3141C																
1 BBD2141C	1 CCD2141C																



Pack	Cat. Nos.	Flexible lengths for single sided system															
		Flexible lengths can be used to change direction, change level or overcome obstructions															
		<b>Suspended – right to left</b>															
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Rating (A)</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>25</td> <td>3.17</td> </tr> <tr> <td>2</td> <td>25</td> <td>3.59</td> </tr> <tr> <td>0.5</td> <td>40</td> <td>3.22</td> </tr> <tr> <td>2</td> <td>40</td> <td>3.79</td> </tr> </tbody> </table>	Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>	0.5	25	3.17	2	25	3.59	0.5	40	3.22	2	40	3.79
Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>															
0.5	25	3.17															
2	25	3.59															
0.5	40	3.22															
2	40	3.79															
		<b>Surface mounted – right to left</b>															
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Rating (A)</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>25</td> <td>3.09</td> </tr> <tr> <td>2</td> <td>25</td> <td>3.51</td> </tr> <tr> <td>0.5</td> <td>40</td> <td>3.14</td> </tr> <tr> <td>2</td> <td>40</td> <td>3.71</td> </tr> </tbody> </table>	Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>	0.5	25	3.09	2	25	3.51	0.5	40	3.14	2	40	3.71
Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>															
0.5	25	3.09															
2	25	3.51															
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		<table border="1"> <thead> <tr> <th>1</th> <th>1</th> <th>1</th> <th>1</th> </tr> </thead> <tbody> <tr> <td>BBD140XC</td> <td>BBD142XC</td> <td>CCD140XC</td> <td>CCD142XC</td> </tr> <tr> <td>BBD340XC</td> <td>BBD342XC</td> <td>CCD340XC</td> <td>CCD342XC</td> </tr> </tbody> </table>	1	1	1	1	BBD140XC	BBD142XC	CCD140XC	CCD142XC	BBD340XC	BBD342XC	CCD340XC	CCD342XC			
1	1	1	1														
BBD140XC	BBD142XC	CCD140XC	CCD142XC														
BBD340XC	BBD342XC	CCD340XC	CCD342XC														

Pack	Cat. Nos.	Feed units for single sided system												
		Feed units come with 2 x 25 mm Ø cable entry holes and single screw cable terminals for power and also data for buscom varieties Left feed units are supplied with right end stop Right feed units are supplied with left end stop Centre feed units are supplied with right and left end stops												
		<b>Suspended</b>												
		<table border="1"> <thead> <tr> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>1.29</td> </tr> <tr> <td>1.52</td> </tr> <tr> <td>1.38</td> </tr> <tr> <td>1.61</td> </tr> </tbody> </table>	Weight (kg) <sup>(1)</sup>	1.29	1.52	1.38	1.61							
Weight (kg) <sup>(1)</sup>														
1.29														
1.52														
1.38														
1.61														
		<b>Surface mounted</b>												
		<table border="1"> <thead> <tr> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>1.33</td> </tr> <tr> <td>1.56</td> </tr> <tr> <td>1.42</td> </tr> <tr> <td>1.65</td> </tr> </tbody> </table>	Weight (kg) <sup>(1)</sup>	1.33	1.56	1.42	1.65							
Weight (kg) <sup>(1)</sup>														
1.33														
1.56														
1.42														
1.65														
		<b>Centre feed</b>												
		<table border="1"> <thead> <tr> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>1.80</td> </tr> <tr> <td>1.80</td> </tr> </tbody> </table>	Weight (kg) <sup>(1)</sup>	1.80	1.80									
Weight (kg) <sup>(1)</sup>														
1.80														
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		<table border="1"> <thead> <tr> <th>25 A</th> <th>40 A</th> </tr> </thead> <tbody> <tr> <td>1 BBD14LFC</td> <td>1 CCD14LFC</td> </tr> <tr> <td>1 BBD14RFC</td> <td>1 CCD14RFC</td> </tr> <tr> <td>1 BBD34LFC</td> <td>1 CCD34LFC</td> </tr> <tr> <td>1 BBD34RFC</td> <td>1 CCD34RFC</td> </tr> <tr> <td>1 BBD44FC</td> <td>1 CCD44FC</td> </tr> </tbody> </table>	25 A	40 A	1 BBD14LFC	1 CCD14LFC	1 BBD14RFC	1 CCD14RFC	1 BBD34LFC	1 CCD34LFC	1 BBD34RFC	1 CCD34RFC	1 BBD44FC	1 CCD44FC
25 A	40 A													
1 BBD14LFC	1 CCD14LFC													
1 BBD14RFC	1 CCD14RFC													
1 BBD34LFC	1 CCD34LFC													
1 BBD34RFC	1 CCD34RFC													
1 BBD44FC	1 CCD44FC													

(1) Weights shown are for IP 4X rated buscom. For all other weights, contact us on +44 (0) 845 600 6266

**Key : How to select the correct components**  
All examples on this page show IP 4X buscom trunking  
IP rating and trunking type is dictated by the red letters  
4 = IP 4X. For IP 54 version, replace 4 with 5  
C = Buscom (with communications circuit). For busbar (power only), remove the C

# Electrak® 33 4P + E (dual circuit) busbar / buscom trunking

power and communication distribution

CCD3245C

CCD2245C



DDM408L1C



DDM408L1



DDM408L1FC



Selection chart (p. 52-53)  
Dimensions and technical information (p. 66-71)

Integral communication bus suitable for KNX, Lonworks, DALI protocols, etc. 25 A and 40 A systems  
Outlets on one or two sides. IP 4X or IP 54 ingress protection  
Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	<b>Electrak 33 4 pole + earth (3 phase) – double sided system</b>															
		3 phase busbar trunking system available in IP 4X and IP 54 versions, with or without integral communications bus circuit Socket outlets are colour coded grey and are located on just one side of the bar															
		<b>4 P + E trunking lengths</b> Trunking lengths push fit into each other, and feed units or flexible lengths. Double sided trunking must be fixed using suspended fixing brackets															
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Tap-off outlets</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>11</td> <td>5.46</td> </tr> <tr> <td>2</td> <td>7</td> <td>3.92</td> </tr> <tr> <td>3</td> <td>6</td> <td>5.37</td> </tr> <tr> <td>2</td> <td>4</td> <td>3.88</td> </tr> </tbody> </table>	Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>	3	11	5.46	2	7	3.92	3	6	5.37	2	4	3.88
Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>															
3	11	5.46															
2	7	3.92															
3	6	5.37															
2	4	3.88															
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Tap-off outlets</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>11</td> <td>5.86</td> </tr> <tr> <td>2</td> <td>7</td> <td>4.70</td> </tr> <tr> <td>3</td> <td>6</td> <td>5.77</td> </tr> <tr> <td>2</td> <td>4</td> <td>4.15</td> </tr> </tbody> </table>	Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>	3	11	5.86	2	7	4.70	3	6	5.77	2	4	4.15
Length (m)	Tap-off outlets	Weight (kg) <sup>(1)</sup>															
3	11	5.86															
2	7	4.70															
3	6	5.77															
2	4	4.15															

Pack	Cat. Nos.	<b>Feed units for double sided system</b>															
		Double sided feed units come with 2 x 25 mm Ø cable entry holes for each side. Single screw cable terminals are provided for power and also data for buscom varieties															
		<b>Suspended</b>															
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Rating (A)</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>25 A left</td> <td>1.42</td> <td></td> </tr> <tr> <td>25 A right</td> <td>1.64</td> <td></td> </tr> <tr> <td>40 A left</td> <td>1.60</td> <td></td> </tr> <tr> <td>40 A right</td> <td>1.83</td> <td></td> </tr> </tbody> </table>	Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>	25 A left	1.42		25 A right	1.64		40 A left	1.60		40 A right	1.83	
Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>															
25 A left	1.42																
25 A right	1.64																
40 A left	1.60																
40 A right	1.83																

Pack	Cat. Nos.	<b>Flexible lengths for double sided system</b>															
		Flexible lengths can be used to change direction, change level or overcome obstructions															
		<b>Suspended – right to left</b>															
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Length (m)	Rating (A)	Weight (kg) <sup>(1)</sup>															
0.5	25	3.42															
2	25	4.52															
0.5	40	3.91															
2	40	5.32															

Pack	Cat. Nos.	<b>Tap-off units</b>																																							
		<b>16 A unfused tap-off units</b> Pre-wired tap-off units to pick up required circuit, colour coded grey, can plug into any Electrak 33 tap-off outlet																																							
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Fixed polarity</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>0.8</td> <td></td> <td>0.2</td> </tr> <tr> <td>2</td> <td>L1 + N</td> <td>0.4</td> </tr> <tr> <td>3</td> <td></td> <td>0.5</td> </tr> <tr> <td>5</td> <td></td> <td>0.6</td> </tr> <tr> <td>0.8</td> <td></td> <td>0.2</td> </tr> <tr> <td>2</td> <td>L2 + N</td> <td>0.4</td> </tr> <tr> <td>3</td> <td></td> <td>0.5</td> </tr> <tr> <td>5</td> <td></td> <td>0.6</td> </tr> <tr> <td>0.8</td> <td></td> <td>0.2</td> </tr> <tr> <td>2</td> <td>L3 + N</td> <td>0.4</td> </tr> <tr> <td>3</td> <td></td> <td>0.5</td> </tr> <tr> <td>5</td> <td></td> <td>0.6</td> </tr> </tbody> </table>	Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>	0.8		0.2	2	L1 + N	0.4	3		0.5	5		0.6	0.8		0.2	2	L2 + N	0.4	3		0.5	5		0.6	0.8		0.2	2	L3 + N	0.4	3		0.5	5		0.6
Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>																																							
0.8		0.2																																							
2	L1 + N	0.4																																							
3		0.5																																							
5		0.6																																							
0.8		0.2																																							
2	L2 + N	0.4																																							
3		0.5																																							
5		0.6																																							
0.8		0.2																																							
2	L3 + N	0.4																																							
3		0.5																																							
5		0.6																																							
		<b>13 A fused tap-off units</b> Pre-wired tap-off units to pick up required circuit, supplied with BS 1362 fuse, colour coded grey, can plug into any Electrak 33 tap-off outlet																																							
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Fixed polarity</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>0.8</td> <td></td> <td>0.2</td> </tr> <tr> <td>2</td> <td>L1 + N</td> <td>0.4</td> </tr> <tr> <td>3</td> <td></td> <td>0.5</td> </tr> <tr> <td>5</td> <td></td> <td>0.6</td> </tr> <tr> <td>0.8</td> <td></td> <td>0.2</td> </tr> <tr> <td>2</td> <td>L2 + N</td> <td>0.4</td> </tr> <tr> <td>3</td> <td></td> <td>0.5</td> </tr> <tr> <td>5</td> <td></td> <td>0.6</td> </tr> <tr> <td>0.8</td> <td></td> <td>0.2</td> </tr> <tr> <td>2</td> <td>L3 + N</td> <td>0.4</td> </tr> <tr> <td>3</td> <td></td> <td>0.5</td> </tr> <tr> <td>5</td> <td></td> <td>0.6</td> </tr> </tbody> </table>	Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>	0.8		0.2	2	L1 + N	0.4	3		0.5	5		0.6	0.8		0.2	2	L2 + N	0.4	3		0.5	5		0.6	0.8		0.2	2	L3 + N	0.4	3		0.5	5		0.6
Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>																																							
0.8		0.2																																							
2	L1 + N	0.4																																							
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**Key : How to select the correct components**  
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C = Buscom (with communications circuit). For busbar (power only), remove the C

# Electrak® 33 4P + E (3 phase) busbar / buscom trunking

power and communication distribution



DDN4L1



DDN4L1F



Selection chart (p. 54-55)  
Dimensions and technical information (p. 69)

Integral communication bus suitable for KNX, Lonworks, DALI protocols, etc. 25 A and 40 A systems  
Outlets on one or two sides. IP 4X or IP 54 ingress protection  
Fast installation (trunking push fits together in seconds). High quality materials. Suspended or surface mounted

Pack	Cat. Nos.	Tap-off units – rewirable								
		<b>16 A unfused tap-off units</b>								
		Rewirable tap-off units to pick up required circuit, colour coded grey, can plug into any Electrak 33 tap-off outlet								
		<table border="1"> <thead> <tr> <th>Fixed polarity</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>L1 + N</td> <td>0.14</td> </tr> <tr> <td>L2 + N</td> <td>0.14</td> </tr> <tr> <td>L3 + N</td> <td>0.14</td> </tr> </tbody> </table>	Fixed polarity	Weight (kg) <sup>(1)</sup>	L1 + N	0.14	L2 + N	0.14	L3 + N	0.14
Fixed polarity	Weight (kg) <sup>(1)</sup>									
L1 + N	0.14									
L2 + N	0.14									
L3 + N	0.14									
1	DDN4L1									
1	DDN4L2									
1	DDN4L3									
		<b>13 A fused tap-off units</b>								
		Rewirable tap-off units to pick up required circuit, supplied with BS 1362 fuse, colour coded grey, can plug into any Electrak 33 tap-off outlet								
		<table border="1"> <thead> <tr> <th>Fixed polarity</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>L1 + N</td> <td>0.14</td> </tr> <tr> <td>L2 + N</td> <td>0.14</td> </tr> <tr> <td>L3 + N</td> <td>0.14</td> </tr> </tbody> </table>	Fixed polarity	Weight (kg) <sup>(1)</sup>	L1 + N	0.14	L2 + N	0.14	L3 + N	0.14
Fixed polarity	Weight (kg) <sup>(1)</sup>									
L1 + N	0.14									
L2 + N	0.14									
L3 + N	0.14									
1	DDN4L1F									
1	DDN4L2F									
1	DDN4L3F									

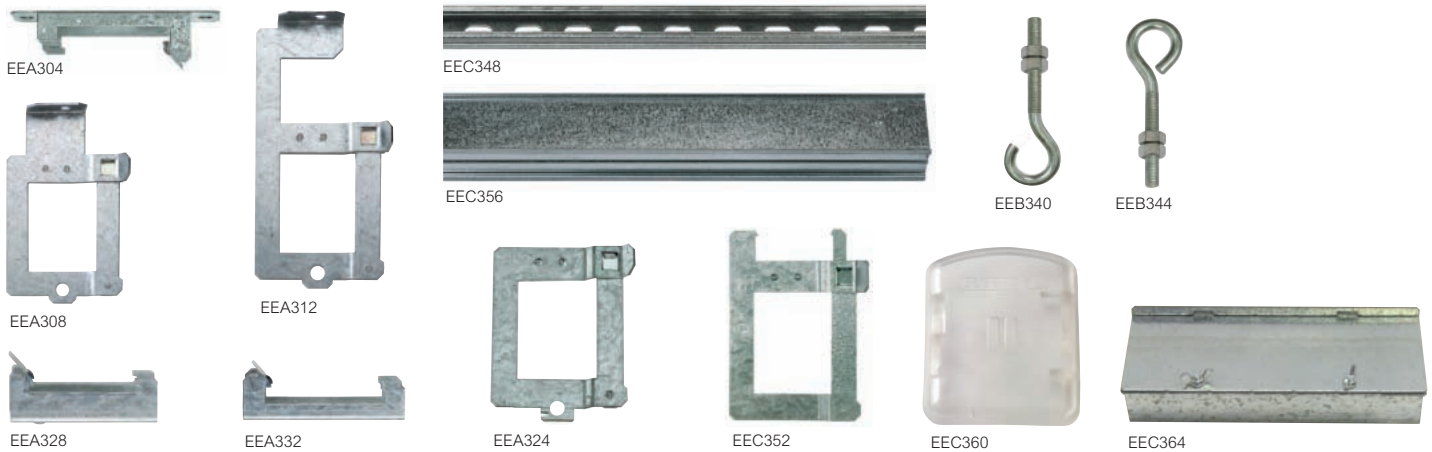
Pack	Cat. Nos.	Tap-off units 4P + E pre-wired (LSOH 5 x 1.5 mm <sup>2</sup> cable)															
		<b>16 A unfused tap-off units</b>															
		Pre-wired tap-off units to pick up required circuit, colour coded grey, can plug into any Electrak 33 tap-off outlet															
		<table border="1"> <thead> <tr> <th>Length (m)</th> <th>Fixed polarity</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>0.8</td> <td>L + L + L + N</td> <td>0.2</td> </tr> <tr> <td>2</td> <td>L + L + L + N</td> <td>0.36</td> </tr> <tr> <td>3</td> <td>L + L + L + N</td> <td>0.50</td> </tr> <tr> <td>5</td> <td>L + L + L + N</td> <td>0.63</td> </tr> </tbody> </table>	Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>	0.8	L + L + L + N	0.2	2	L + L + L + N	0.36	3	L + L + L + N	0.50	5	L + L + L + N	0.63
Length (m)	Fixed polarity	Weight (kg) <sup>(1)</sup>															
0.8	L + L + L + N	0.2															
2	L + L + L + N	0.36															
3	L + L + L + N	0.50															
5	L + L + L + N	0.63															
1	DDR408																
1	DDR42																
1	DDR43																
1	DDR45																

Pack	Cat. Nos.	Phase selectable tap-off units 2P + E terminals – rewirable				
		<b>16 A unfused tap-off unit</b>				
		Rewirable tap-off units, phase selectable, colour coded grey, can plug into any Electrak 33 tap-off outlet				
		<table border="1"> <thead> <tr> <th>Fixed polarity</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>L + N</td> <td>0.14</td> </tr> </tbody> </table>	Fixed polarity	Weight (kg) <sup>(1)</sup>	L + N	0.14
Fixed polarity	Weight (kg) <sup>(1)</sup>					
L + N	0.14					
1	DDP4S					
		<b>13 A fused tap-off unit</b>				
		Rewirable tap-off units, phase selectable, supplied with BS 1362 fuse, colour coded grey, can plug into any Electrak 33 tap-off outlet				
		<table border="1"> <thead> <tr> <th>Fixed polarity</th> <th>Weight (kg)<sup>(1)</sup></th> </tr> </thead> <tbody> <tr> <td>L + N</td> <td>0.14</td> </tr> </tbody> </table>	Fixed polarity	Weight (kg) <sup>(1)</sup>	L + N	0.14
Fixed polarity	Weight (kg) <sup>(1)</sup>					
L + N	0.14					
1	DDP4SF					

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## Electrak® busbar / buscom trunking fixings and ancillary items



 *Dimensions and technical information (p. 69)*

Brackets are manufactured from robust galvanised steel, ensuring that the entire installation can be expected to stand up to all normal site conditions

Pack	Cat. Nos.	Fixings
1	EEA304	Trunking 57 mm edge surface mounting fixing bracket
1	EEA308	Trunking suspended fixing bracket
1	EEA312	Trunking suspended fixing bracket c/w cable duct stirrup. Used when running cable duct on top of busbar trunking
1	EEA324	Luminaire suspension fixing bracket
1	EEA328	Luminaire 45 mm edge suspension fixing bracket (clip on)
1	EEA332	Luminaire 57 mm edge suspension fixing bracket (clip on)
1	EEB340	Open hook luminaire suspended bracket
1	EEB344	Closed ring on luminaire
1	EEC348	Cable duct 3 m long x 50 mm(w) x 13 mm(h)
1	EEC357	Joint bracket cable duct
1	EEC352	Cable duct fixing bracket

Pack	Cat. Nos.	Ancillary items
1	EEC356	2 m empty length for adjusting the length at the end of a run (to be cut)
1	EEC360	IP 54 outlet cover (spare or replacement)
1	EEC364	Joint sleeve is used if load is hung off trunking joint or near when joint is centre of a fixing span
1	EEC366	Left hand end stop spare
1	EEC368	Right hand end stop spare

## Standards



Intertek

ASTA approved to BS EN 60439-2 and IEC 439-2  
 Manufactured within an approved ISO 9001 : 2008 facility  
 Assessed Quality Assurance Certificate No. 10679  
 Electrak fully complies with the requirements of BS 7671 : 2008  
 (IEE Wiring Regulations)

## Buscom trunking options

- L
  - N
  - PE
  - L2
  - L1
  - N
  - PE
  - L2
  - N2
  - L1
  - N1
  - PE
  - L3
  - L1
  - L1
  - N
  - PE
- Communication bus

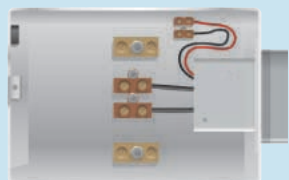
Electrak buscom trunking can be used with Electrak's cost effective lighting control system, Lightrak KNX, or any other systems using control protocols such as KNX, Lonworks, DALI, etc.  
 Electrak's overhead trunking couples high quality engineering with rigidity of design, and provides power for a variety of applications including lighting, heating and ventilation. The robust easy fix modular system permits loads to be suspended directly from the trunking using Electrak's various fixing brackets  
 Push fit connection keeps installation costs to a minimum

## Track lengths simply push fit together



## Feed units

25 A rated - max. conductor size 6 mm<sup>2</sup>  
 40 A rated - max. conductor size 16 mm<sup>2</sup>  
 Double sided trunking feed units have power cable terminals on both sides.  
 IP 4X galvanised steel  
 IP 54 ABS



2 pole + earth + comms  
 Comm's bus  
 Max. conductor size 1.5 mm<sup>2</sup>  
 Red +  
 Black -

Electrical test data	25 A	40 A	UOM
Derating factor for Electrak 32 single sided	–	0.8	–
Derating factor for Electrak 32 double sided	0.8	0.7	–
Derating factor for Electrak 33 double sided	–	0.8	–
Rated operational voltage (U <sub>e</sub> )	230/400	230/400	V~
Rated insulation voltage (U <sub>i</sub> )	500	500	V~
Frequency (f)	50/60	50/60	Hz
Rated impulse withstand voltage	4.0	4.0	KV
Busbar resistance (R <sub>20</sub> )	3.9	2.7	mΩ/m
Resistance (R <sub>1</sub> )	4.2	3.0	mΩ/m
Impedance (Z <sub>1</sub> )	4.8	3.4	mΩ/m
Reactance (X <sub>1</sub> )	2.5	1.6	mΩ/m
Protective conductor	1.5	1.5	mΩ/m

Volt drops	25 A	40 A	UOM
Live and neutral : busbars	9.0	6.0	mV/A/m
(R <sub>1</sub> +R <sub>2</sub> ) Feed unit	3.0	2.4	mV/A
Tap-off 0.8 m	22.0	22.0	mV/A
Tap-off 2.0 m	52.0	52.0	mV/A
Flexible length assembly 0.5 m	5.0	3.5	mV/A
Flexible length assembly 2 m	20.0	14.0	mV/A

Earth fault loop	25 A	40 A	UOM
Impedance : busbar	4.5	3.0	mΩ/m
Earth housing	1.5	1.5	mΩ/m
Feed unit	2.4	2.4	mΩ
Tap-off 0.8m	23.0	23.0	mΩ
Tap-off 2.0m	53.0	53.0	mΩ
Flexible length assembly 0.5 m	2.5	1.75	mV/A
Flexible length assembly 2 m	10.0	7.0	mV/A
Rated conditional short-circuit current (I <sub>cc</sub> )	16.0	16.0	KA
Rated short time withstand current (I <sub>cw</sub> ) at 1 sec	0.65	1.0	KA
Rated peak short-circuit current (I <sub>pk</sub> )	0.975	1.5	KA
Ambient temperature	35.0	35.0	°C

Mechanical data	25 A	40 A	UOM
Number of conductors	2-10	2-10	–
Busbar conductor cross sectional area	4.0	6.0	mm <sup>2</sup>
Cable terminal capacity	6.0	16.0	mm <sup>2</sup>
Cable terminal capacity bus	1.5	1.5	mm <sup>2</sup>
Tap-off cable 16 A	1.5	1.5	mm <sup>2</sup>
Tap-off cable 13 A fused	1.5	1.5	mm <sup>2</sup>
Tap-off entry	16.0	16.0	mmØ
Feed unit entry holes power	25.0	25.0	mmØ
Feed unit entry holes bus	16.0	16.0	mmØ
IP rating (optional)	4 X (54)	4 X (54)	–

Direct protection by enclosure. Indirect protection by protective circuit

## Electrak® busbar / buscom trunking

### technical data

Communication control circuit	
Type	Bus cable (LSOH)
Construction	Sheathed 0.5 mm <sup>2</sup> copper twisted pair
Insulation - conductor	Flame retardant low emission HCL
Sheath	LSOH material
Rated insulation voltage (Ui) (between power circuit and bus)	500 V
Max. bus operating voltage	50 V
Max. bus operating current	0.65 A
Max. conductor resistance (@20°C)	73.2 Ω/km
Max. mutual capacitance	100 nf/km
Material specifications	
Busbar trunking housing	Galvanised steel
Busbars	High conductivity copper
Busbar insulator	Flame retardant LSOH to BS 7211
Trunking connector / tap-off entry box / cable connector	Flame retardant polycarbonate
Tap-off housing	Flame retardant polycarbonate
Trunking connector blades / tap-off blades	Copper
Feed unit IP 4X	Galvanised steel
Feed unit IP 54	ABS
Flexible length conduit	Flame retardant LSOH nylon
Feed unit terminals / earth block	Brass
Brackets	Galvanised steel
13 A tap-off, fuse	To BS 1362, ASTA approved

#### Durability

Electrak power distribution systems are well designed and extremely robust. They can be expected to stand up to all normal site conditions. Electrak has been short circuit strength tested by ASTA.

#### Earth fault loop impedance

BS 7671 : 2008 IEE Wiring Regulations require accurate determination of the total earth loop impedance, which must be sufficiently low to allow the protective device to operate within the specified time, which for socket outlets is 0.4 seconds.

The values relevant to Electrak for calculating the earth fault loop impedance are shown in the electrical test data table, see opposite.

#### Busbar trunking rating in ambient temperatures

Average ambient air temperature	25°C	30°C	35°C	40°C	45°C	50°C
Rating factor (K1)	1.1	1.05	1	0.95	0.90	0.85

For ambient temperatures other than 35°C apply the multiplier factor K1 to the rated current.

#### Busbar trunking mechanical loading

For point loads and evenly distributed loads the maximum weight that can be supported is given below.

##### Maximum loading for suspended busbar trunking

Fixing distance (m)	1.5	2	2.5	3	3.5	4
Max. point load (deflection = 1/500 x span) (Kg)	20	17	13	12	9	7
Max. distributed load (deflection = 1/500 x span) (Kg)	33	28	22	20	15	12
Max. point load (deflection = 1/350 x span) (Kg)	33	24	18	16	10	9
Max. distributed load (deflection = 1/350 x span) (Kg)	55	40	30	26	16	15

##### Maximum loading for surface mounted busbar trunking

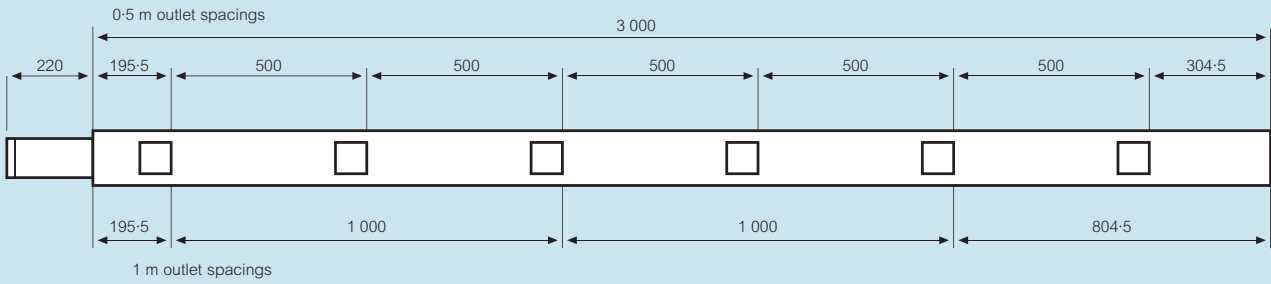
Fixing distance in metres (m)	1.5	2	2.5	3	3.5	4
Max. point load (deflection = 1/500 x span) (Kg)	10	6	4.5	4	3.5	3
Max. distributed load (deflection = 1/500 x span) (Kg)	16	10	7.5	7	6	5
Max. point load (deflection = 1/350 x span) (Kg)	13	10	7	6	5	0
Max. distributed load (deflection = 1/350 x span) (Kg)	20	16	11	10	8	0

#### Notes

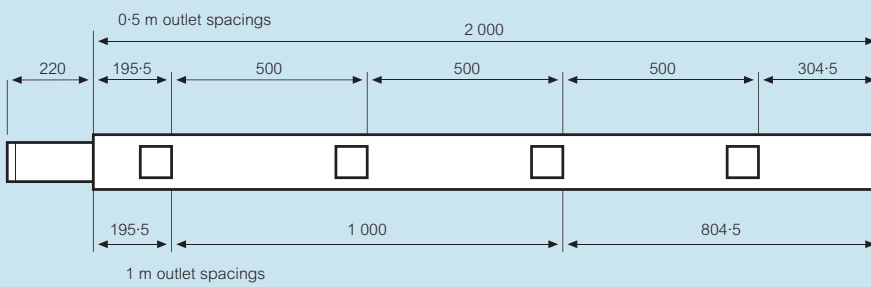
- Where trunking joints occur in the middle of the suspension span, and weight is to be suspended from that point, it is recommended to use a strengthening bracket EEC364 over the joint to stop deflection.
- If the load requirements exceed the above figures, please contact us on +44 (0) 845 600 6266. For design information and technical specification, please contact us on +44 (0) 845 600 6266. Suspension rods and fixings should be of suitable size to carry the weight of both the track and suspended load.

■ **Fixing dimensions**

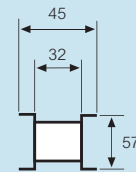
**Busbar trunking 3 m**



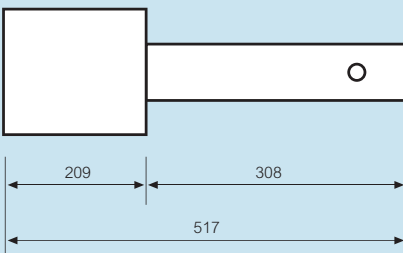
**Busbar trunking 2 m**



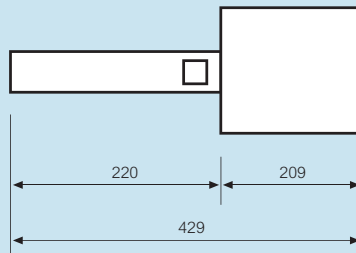
**Busbar trunking End view**



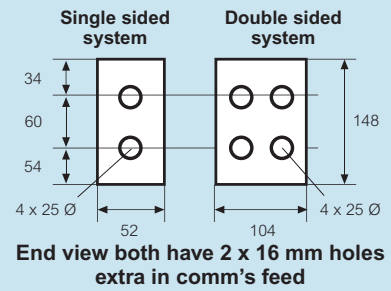
**Feed unit – left**



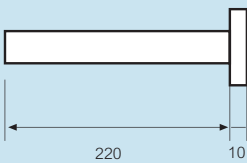
**Feed unit – right**



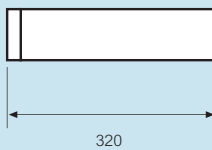
**Suspended feed unit**



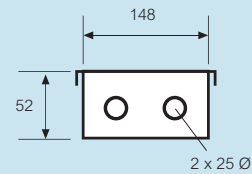
**End stop – right**



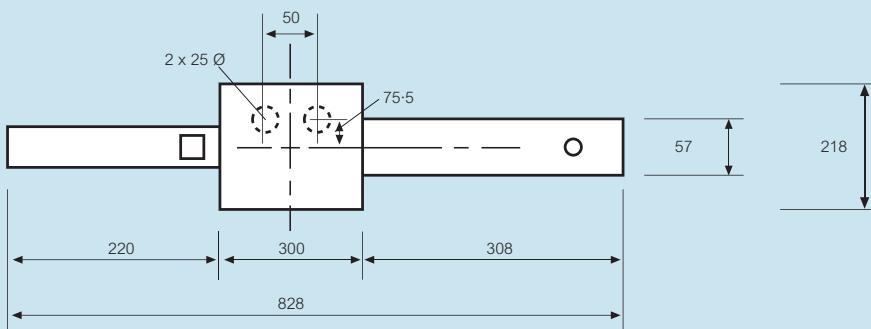
**End stop – left**



**Surface feed unit – end view**

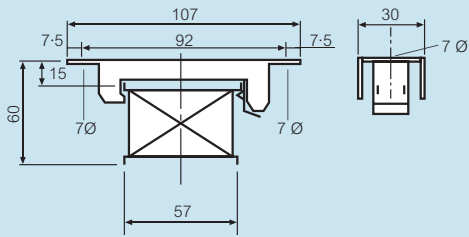


**Centre feed – front view**

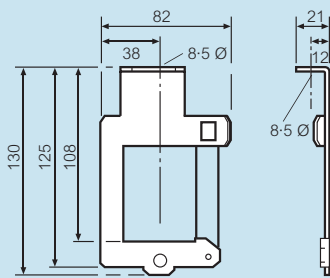


All dimensions (mm) are nominal

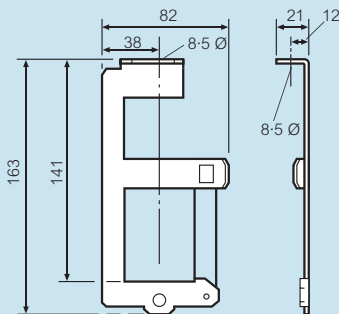
**Cat. No. EEA304 Surface trunking fixing bracket with trunking clipped in**



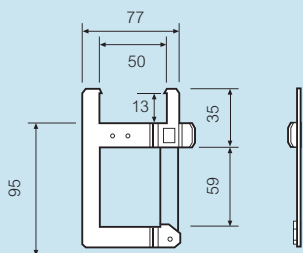
**Cat. No. EEA308 Suspended trunking fixing bracket**



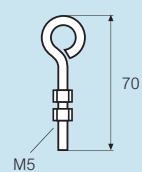
**Cat. No. EEA312 Suspended trunking fixing bracket cable duct stirrup**



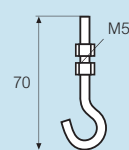
**Cat. No. EEC352 Cable duct fixing bracket**



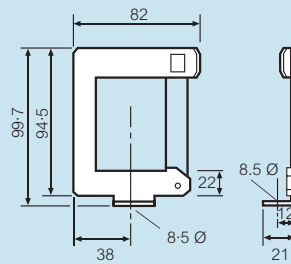
**Cat. No. EEB344 Closed ring hook**



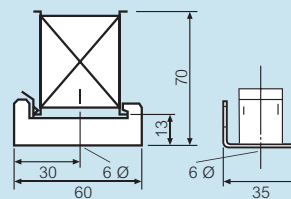
**Cat. No. EEB340 Open hook**



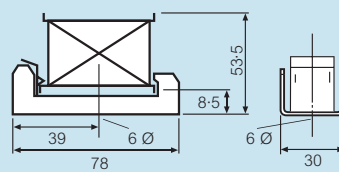
**Cat. No. EEA324 Luminaire suspended fixing bracket**



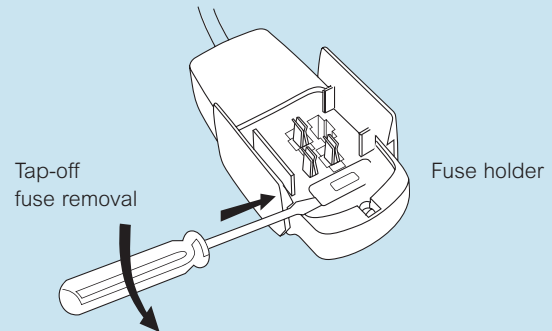
**Cat. No. EEA328 Luminaire 45 mm edge suspension fixing bracket**



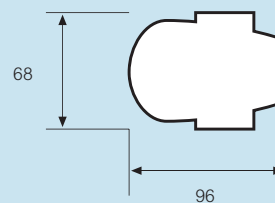
**Cat. No. EEA332 Luminaire 57 mm edge suspension fixing bracket**



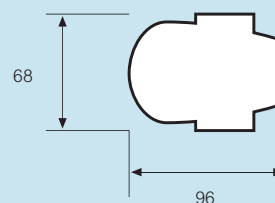
**Fused tap-off**



**Pre-wired tap-offs – 33 mm deep**



**Rewirable and phase selection tap-offs – 35 mm deep**



# Electrak® busbar / buscom trunking installation

## Design and installation

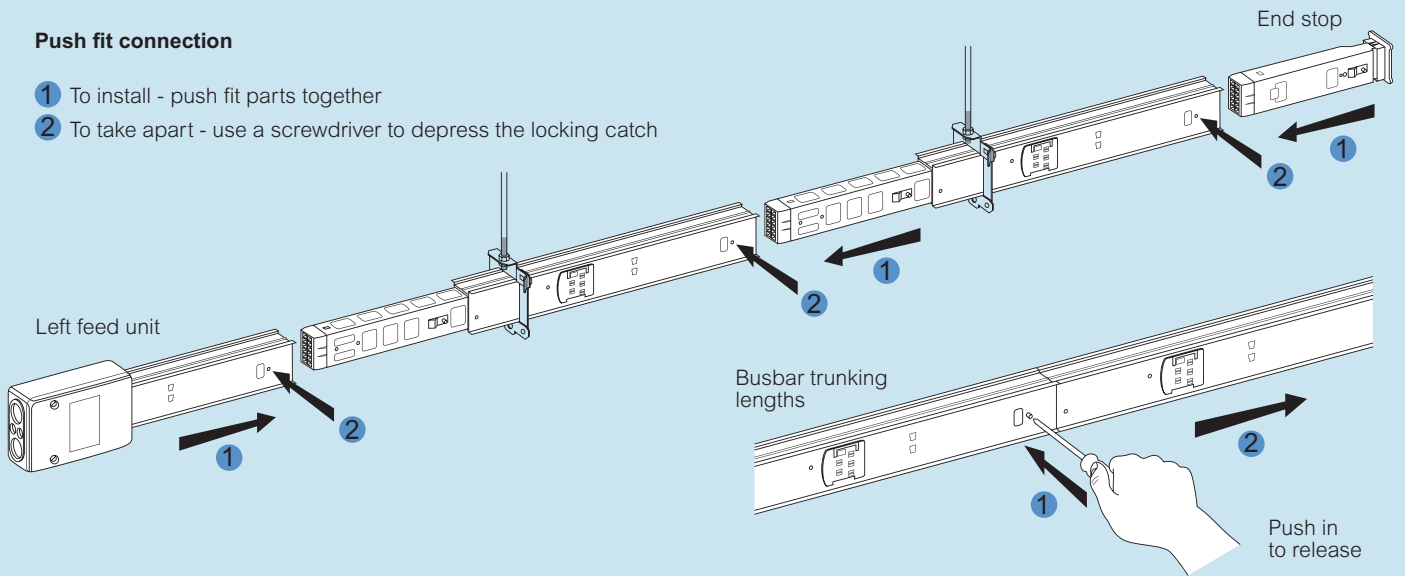
Electrak's busbar trunking system comprises continuous lengths of galvanised steel trunking in either a natural or painted finish available in 2 m and 3 m lengths with an integral connector and pitched tap-off outlets on one or both sides

Each trunking run commences with a feed unit for electrical cable termination. The connection between the trunking, the feed unit and subsequent trunking lengths is push fit and requires no tools to terminate the connection or ensure good earthing. Each complete track run is finished with an end stop. Flexible lengths can be used to overcome obstructions or used as corners where required

The trunking system is available with IP 4X or IP 54 ingress protection, fully factory tested and ASTA approved to BS EN 60439-2 : 2008

### Push fit connection

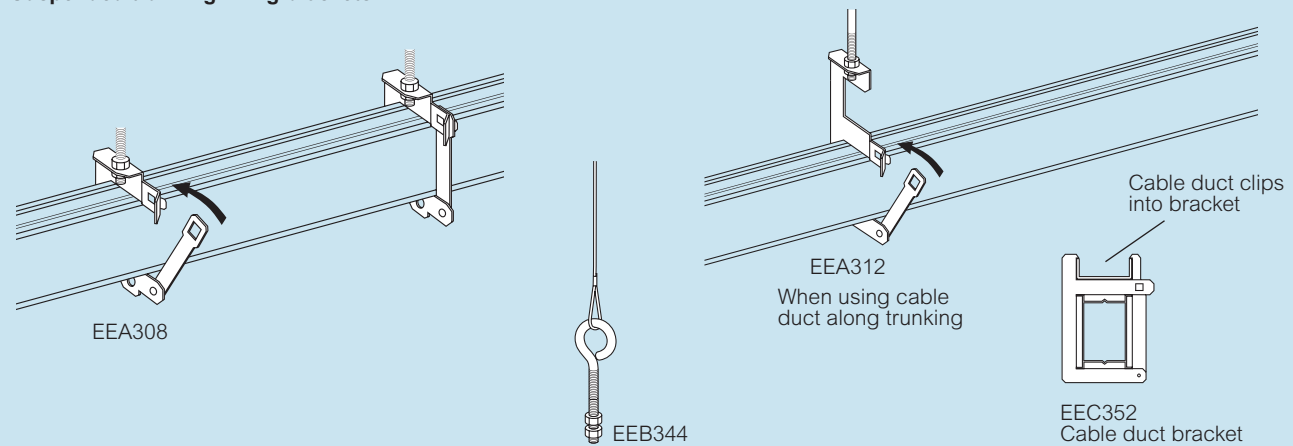
- 1 To install - push fit parts together
- 2 To take apart - use a screwdriver to depress the locking catch



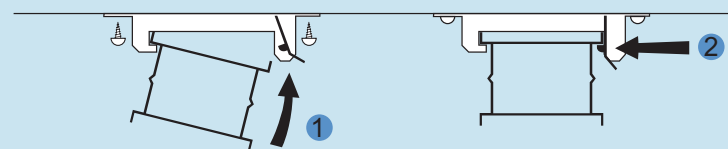
### Considerations before installation

Calculate the distance between fixing brackets - the maximum fixing distance should not exceed 4 m. If loads are to be hung, please consult loading charts on page 67. The maximum busbar trunking weight is 2 kg/m  
When fixing brackets to drop rods or surfaces, see mounting details below

### Suspended trunking fixing brackets



### Surface mounted trunking fixing brackets

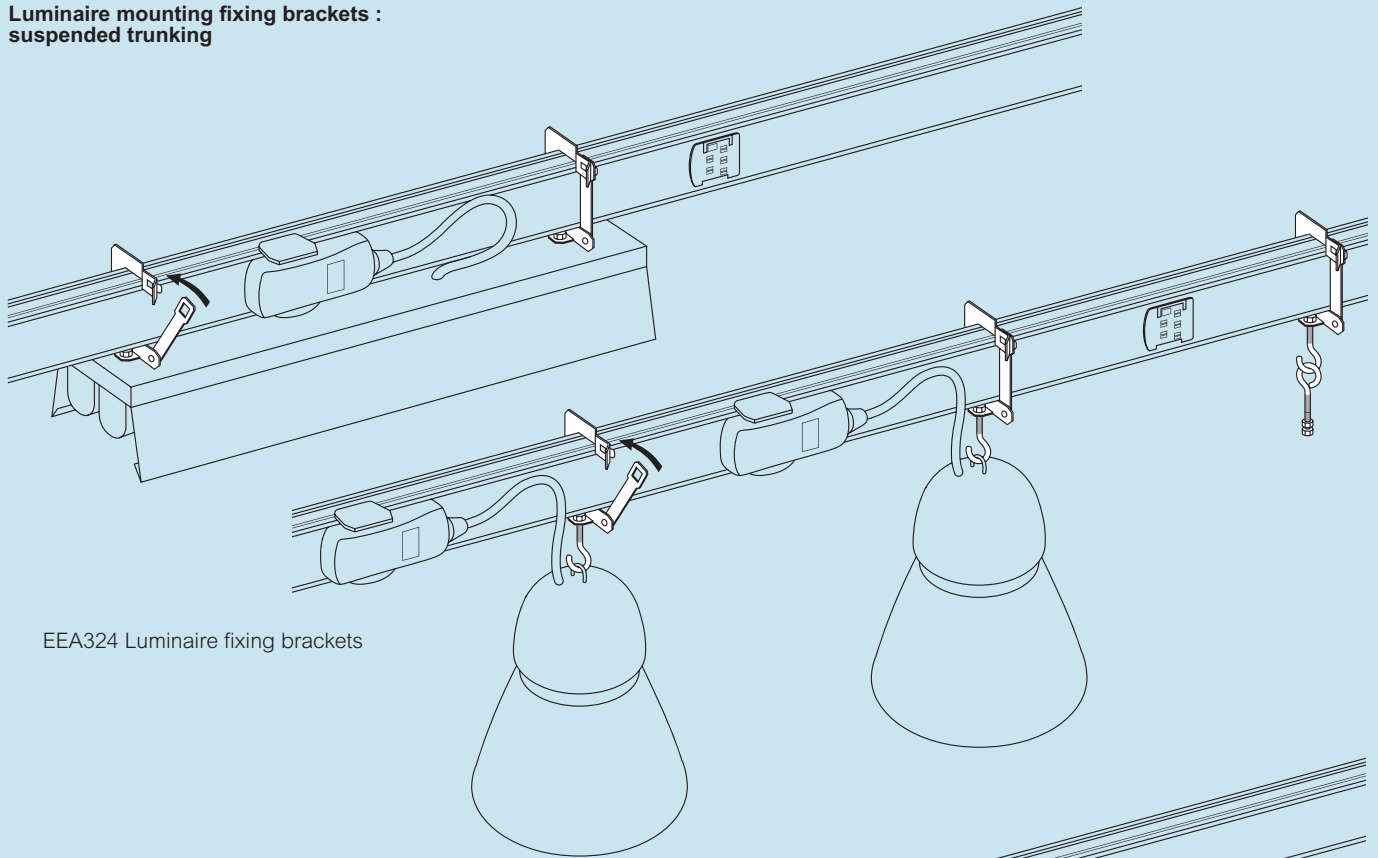


EEA304 57 mm Edge surface fixing bracket

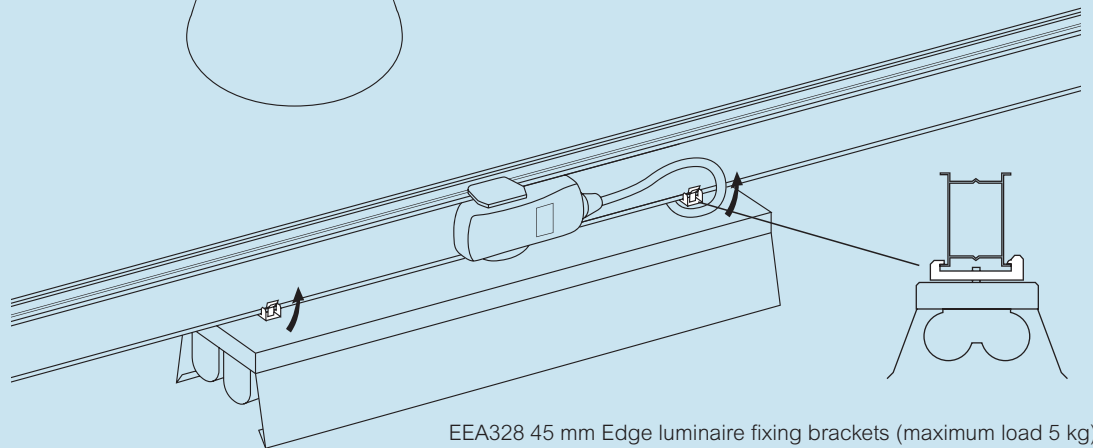
### Considerations before installation

Ensure surface is level. Screw fix through both fixing holes of surface fixing brackets to surface with No. 8 fixing screws  
Hook trunking into place and push fit to close

**Luminaire mounting fixing brackets :  
suspended trunking**

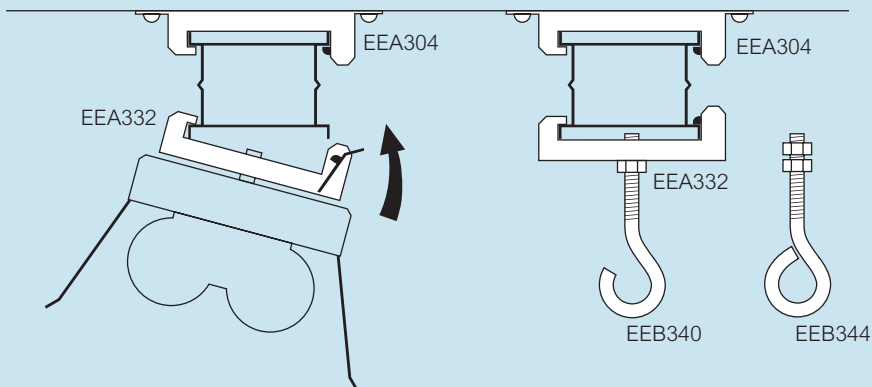


EEA324 Luminaire fixing brackets



EEA328 45 mm Edge luminaire fixing brackets (maximum load 5 kg)

**Luminaire mounting fixing brackets :  
surface trunking**



EEA332 57 mm Edge luminaire fixing bracket (maximum load 5 kg)  
See maximum loading charts p. 67