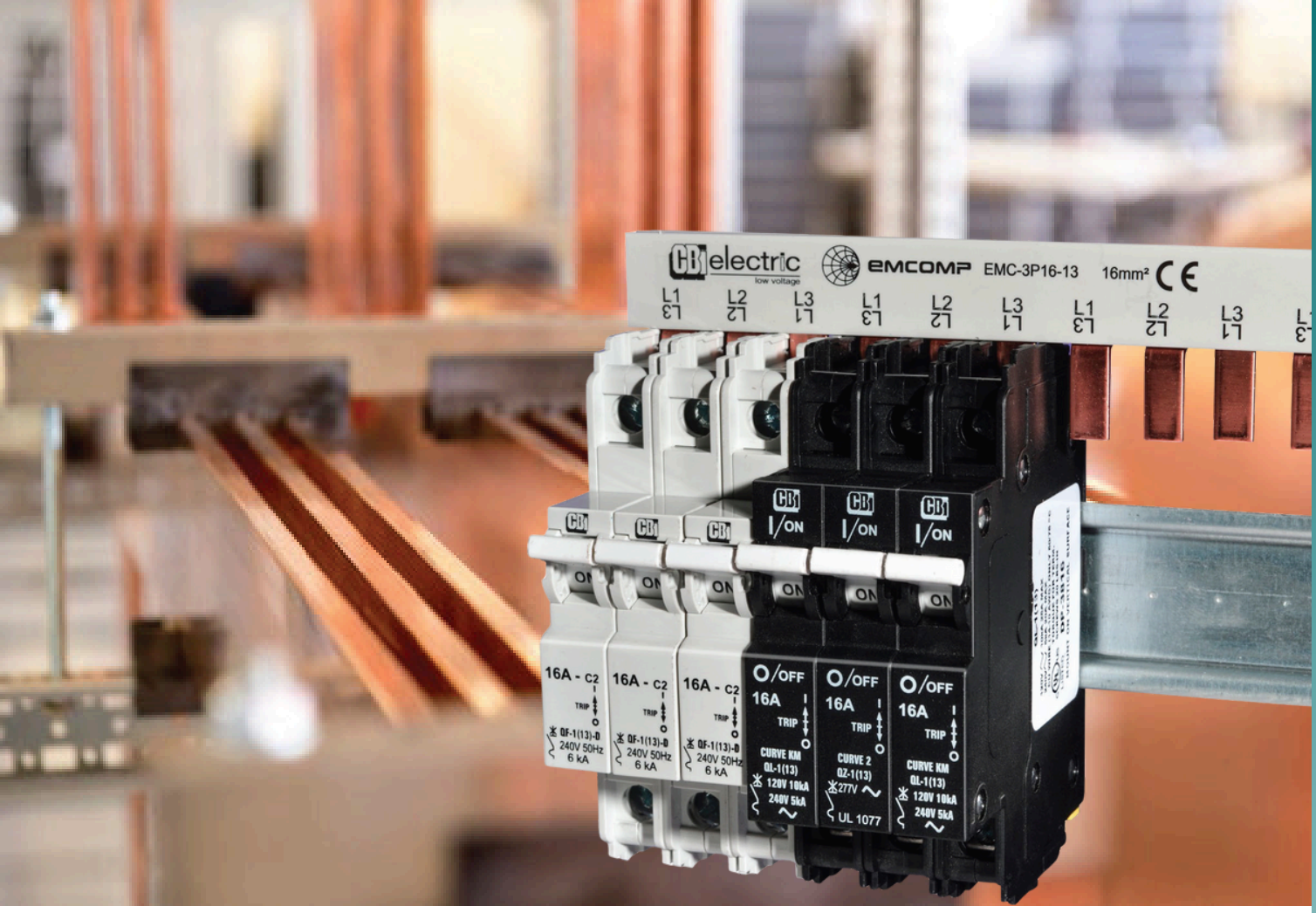


Busbars for CBI 13 mm Q-range MCB

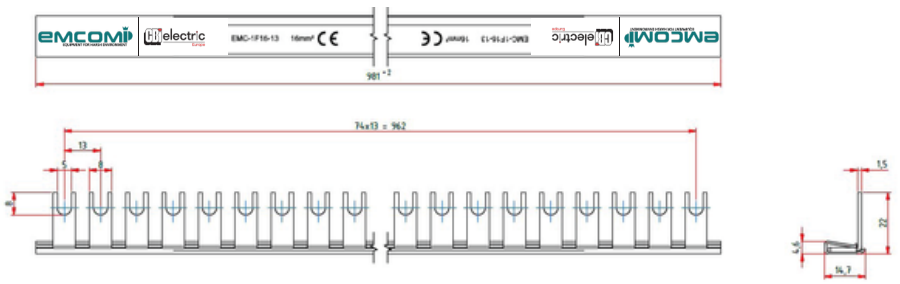
Emcomp's insulated busbars are especially designed for usage together with CBI Q-range 13 mm MCBs. The busbars are available in various configurations for 1-3 phases, with or without auxiliary switches. Emcomp's Busbars for 13 mm CBI Q are available in both straight and 90degree angled versions, with pin as well as fork connection.

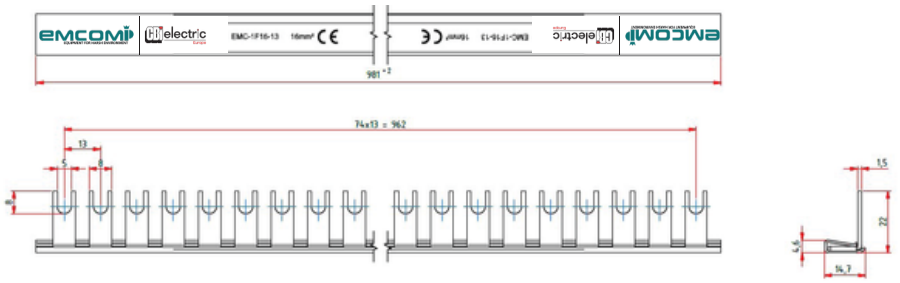
Usage of Emcomp's Busbars for 13 mm CBI Q saves time during assembly as well as gives more even distribution of the current wich increase safety as the risk for imbalanced loads in the system decreases.

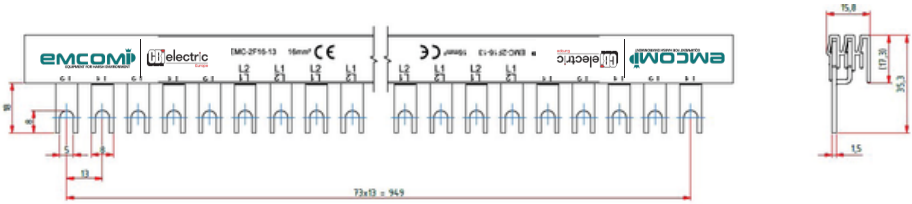
Emcomp's Busbars for 13 mm CBI Q are available as bulk stock or ready-made for the respective application. Bulk stock is cut and insulated with end caps. Ready-made busbars are ideal for production volume applications where secondary operations should be kept to an absolute minimum. Application specific busbars can be supplied with feed-in terminals, insulation devices or application specific wire harnesses.

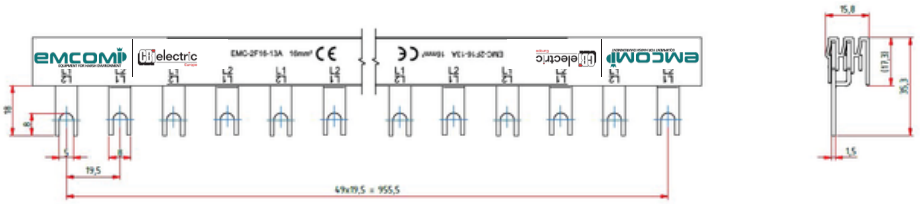
EMCOMP
EQUIPMENT FOR HARSH ENVIRONMENT

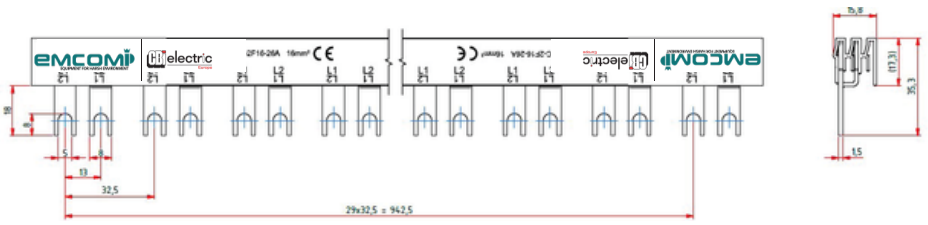
CBI electric
Europe

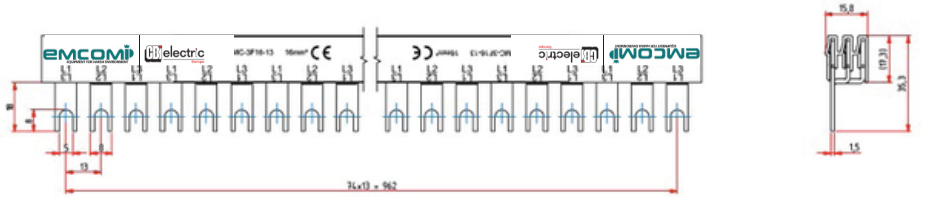
Product Type	Data	Dimensions
Phase		
Type	Fork	
Shape	Bended 90°	
Connection points	75	
Cross section mm2	16	
Modular widht mm	13	
Description	1p. MCB	
Item No	**EMC-1F16-13**	

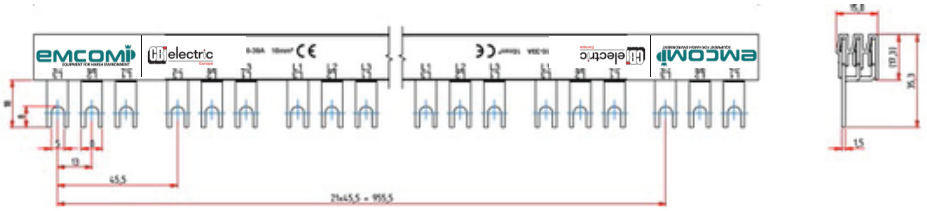
Product Type	Data	Dimensions
Phase	1	
Type	Fork	
Shape	Bended 90°	
Connection points	50	
Cross section mm2	16	
Modular widht mm	19,5	
Description	1p. MCB+AUX	
Item No	**EMC-1F16-13A**	

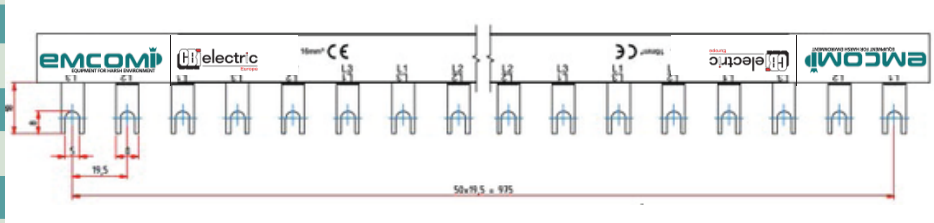
Product Type	Data	Dimensions
Phase	2	
Type	Fork	
Shape	Straight	
Connection points	74	
Cross section mm2	16	
Modular widht mm	13	
Description	2p. MCB	
Item No	**EMC-2F16-13**	

Product Type	Data	Dimensions
Phase	2	
Type	Fork	
Shape	Straight	
Connection points	50	
Cross section mm2	16	
Modular widht mm	19,5	
Description	2p. (1p.MCB+Aux)	
Item No	EMC-2F16-13A	

Product Type	Data	Dimensions
Phase	2	
Type	Fork	
Shape	Straight	
Connection points	60	
Cross section mm2	16	
Modular widht mm	2x13/6,5	
Description	2p. MCB + Aux	
Item No	**EMC-2F16-26A**	

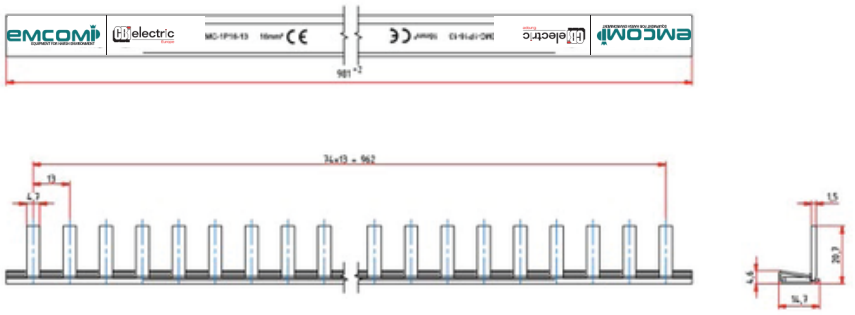
Product Type	Data	Dimensions
Phase	3	
Type	Fork	
Shape	Straight	
Connection points	75	
Cross section mm2	16	
Modular widht mm	13	
Description	3p. MCB	
Item No	**EMC-3F16-13**	

Product Type	Data	Dimensions
Phase	3	
Type	Fork	
Shape	Straight	
Connection points	66	
Cross section mm2	16	
Modular widht mm	3x13/6,5	
Description	3p. MCB+Aux	
Item No	**EMC-3F16-39A**	

Product Type	Data	Dimensions
Phase	3	
Type	Fork	
Shape	Straight	
Connection points	51	
Cross section mm2	16	
Modular widht mm	19,5	
Description	3p. (1p.MCB+Aux)	
Item No	**EMC-3F16-13A**	

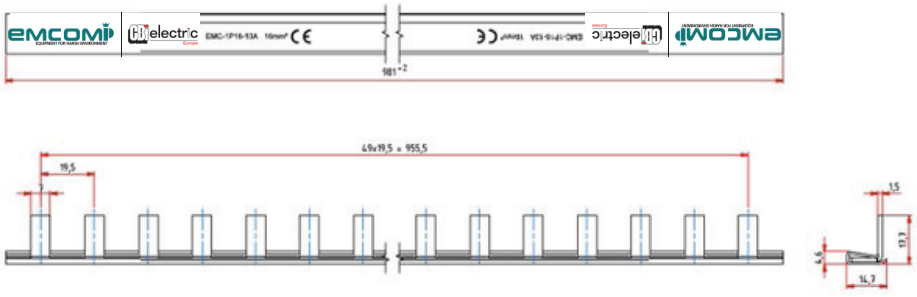
Product Type	Data
Phase	1
Type	Pin
Shape	Bended 90°
Connection points	75
Cross section mm2	16
Modular widht mm	13
Description	1p. MCB
Item No	**EMC-1P16-13**

Dimensions



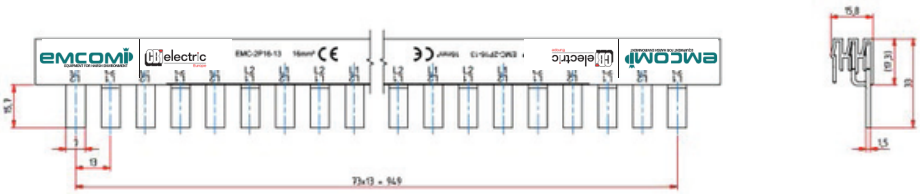
Product Type	Data
Phase	1
Type	Pin
Shape	Bended 90°
Connection points	50
Cross section mm2	16
Modular widht mm	19,5
Description	1p. MCB+AUX
Item No	**EMC-1P16-13A**

Dimensions



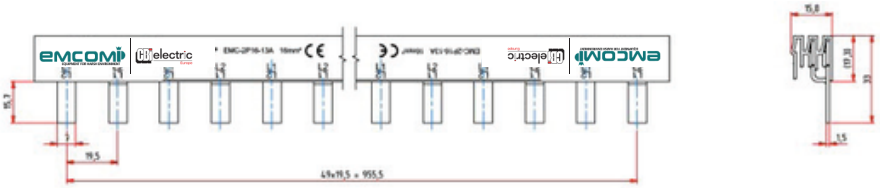
Product Type	Data
Phase	2
Type	Pin
Shape	Straight
Connection points	74
Cross section mm2	16
Modular widht mm	13
Description	2p. MCB
Item No	**EMC-2P16-13**

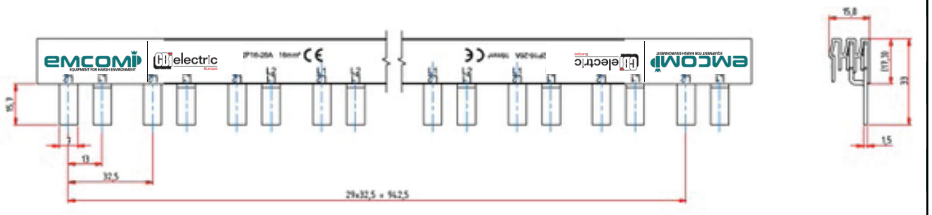
Dimensions

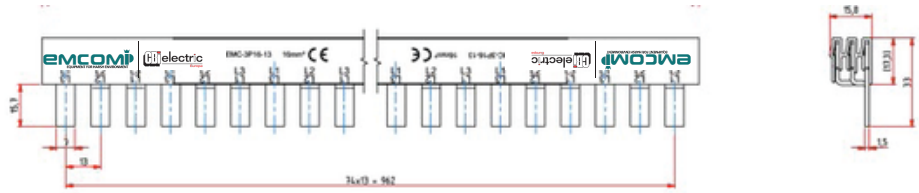


Product Type	Data
Phase	2
Type	Pin
Shape	Straight
Connection points	50
Cross section mm2	16
Modular widht mm	19,5
Description	2p. (1p.MCB+Aux)
Item No	**EMC-2P16-13A**

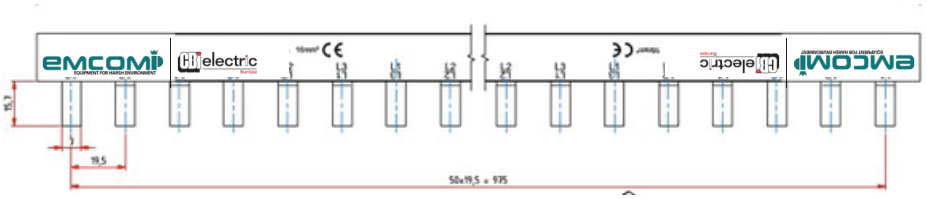
Dimensions



Product Type	Data	Dimensions
Phase	2	
Type	Pin	
Shape	Straight	
Connection points	60	
Cross section mm2	16	
Modular widht mm	2x13/6,5	
Description	2p. MCB+Aux	
Item No	**EMC-2P16-26A**	

Product Type	Data	Dimensions
Phase	3	
Type	Pin	
Shape	Straight	
Connection points	75	
Cross section mm2	16	
Modular widht mm	13	
Description	3p. MCB	
Item No	**EMC-3P16-13**	

Product Type	Data	Dimensions
Phase	3	
Type	Pin	
Shape	Straight	
Connection points	66	
Cross section mm2	16	
Modular widht mm	3x13/6,5	
Description	3p. MCB+Aux	
Item No	**EMC-3P16-39A**	

Product Type	Data	Dimensions
Phase	3	
Type	Pin	
Shape	Straight	
Connection points	51	
Cross section mm2	16	
Modular widht mm	19,5	
Description	3p. (1p. MCB+Aux)	
Item No	**EMC-3P16-13A**	

TECHNICAL DATA		
Description	**Data**	
Busbar	copper	
Insulation	PC-ABS, moulded PC-ABS, extruded	grey RAL 7035
End cover	PC-ABS, moulded	

GENERAL DATA		
Description	**Data**	
Heat deflection temp		PC-ABS 80 UL94V0
Glow Wire Flammability Index	PC-ABS, extruded PC-ABS, moulded	960°C/3,2mm ; 850°C/1mm 960°C/1mm
Comparative tracking index	PC-ABS, extruded PC-ABS, moulded	600V 300V
Standards	EN 60947-1:2007 / IEC 60947-1:2007	
Climate stability	acc to DIN EN 60068	
Insulations coordination	overvoltage category III	
Pollution Deg	2	

ELECTRICAL DATA	
Description	**Data**
Impulse voltage strenght	4,5 kV
Min. air distance	5,5 mm
Min. creeping distance	5 mm
Max. operating voltage	690 V AC
Protection class	IP20
Short circuit rating	ICC 15kA - NH3 250A gC500V JM

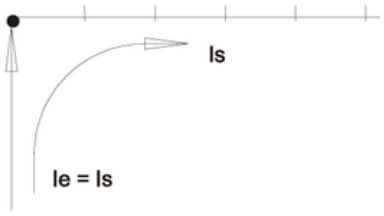
Capacity at 35°C ambient temperature depending of feeding point		
Description	Data	
Connection cross current mm2	10 mm2	16 mm2
Max. current Is/Phase	63A	80A

Approval and marking

All busbars are CE conform and correspond to the RoHS of the EU.

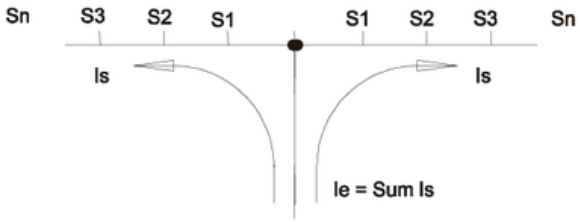
RoHS Compliant

Feeding



Feeding at beginning or end of bar

Other feedings



Other feeding. In case of center-feeding, please note that the sum of junction currents S1.. SN per railbranch may not be bigger than the above named max. busbar current Is/Phase.