



Busbar support, 3p, profile up to 720mm²

Part no. BBS-3/PR
Catalog No. 107162
EL-Nummer (Norway) 2465005

Delivery program

Product range			60 mm system
Basic function			System for profile busbars
Subrange			Busbar supports Double T profile busbar carrier
Material			Thermoplast, silicon free, chlorine free Halogen free
Halogen free			yes
Self-extinguishing			to UL 94
Colour			RAL 7035
Track resistance			CTI 200
Temperature resistant			to 120°C
Description			Suitable for outside and middle carrier With screw block inside
Pole			3
Rated operational current	I_e	A	1600
For use with			Double T profile
Notes			
Current load →[TB_BBS_PRO__Current load]			

Technical data

General

Standards			type-tested to VDE 0660 Part 500, IEC/EN 61439-2
Interval between busbar centres		mm	60
Mounting position			Vertical, horizontal

Contacts

Rated operational voltage	U_e	V	690
Rated frequency	f	Hz	50/60
Rated insulation voltage	U_i	V	3000
Interval between busbar centres		mm	60
Distance between busbar supports	a	mm	500
Rated peak withstand current			
with 500 mm ²	I_{pk}	kA	72
with 720 mm ²			87
Rated uninterrupted current			With temperature deviations, DIN 43671 stipulates that a correction factor k2 must be taken into account
Rated uninterrupted current	I_u	A	
$T_u = 35\text{ °C}$ and $T_s = 65\text{ °C}$			
with 500 mm ²	I_u	A	1003
with 720 mm ²	I_u	A	1281
Busbar temperature		°C	
Busbar temperature max.		°C	70
Short-circuit duration	T	ms	20

Electrical data

Rated frequency	f	Hz	50/60
Rated operational current	I_e	A	1600

Material characteristics

Material			Thermoplast, silicon free, chlorine free Halogen free
Colour			RAL 7035
Flammability characteristics			Self-extinguishing to UL 94
Track resistance			CTI 200
Temperature resistant			to 120°C

Notes

For different intervals between busbar supports see characteristic curve.

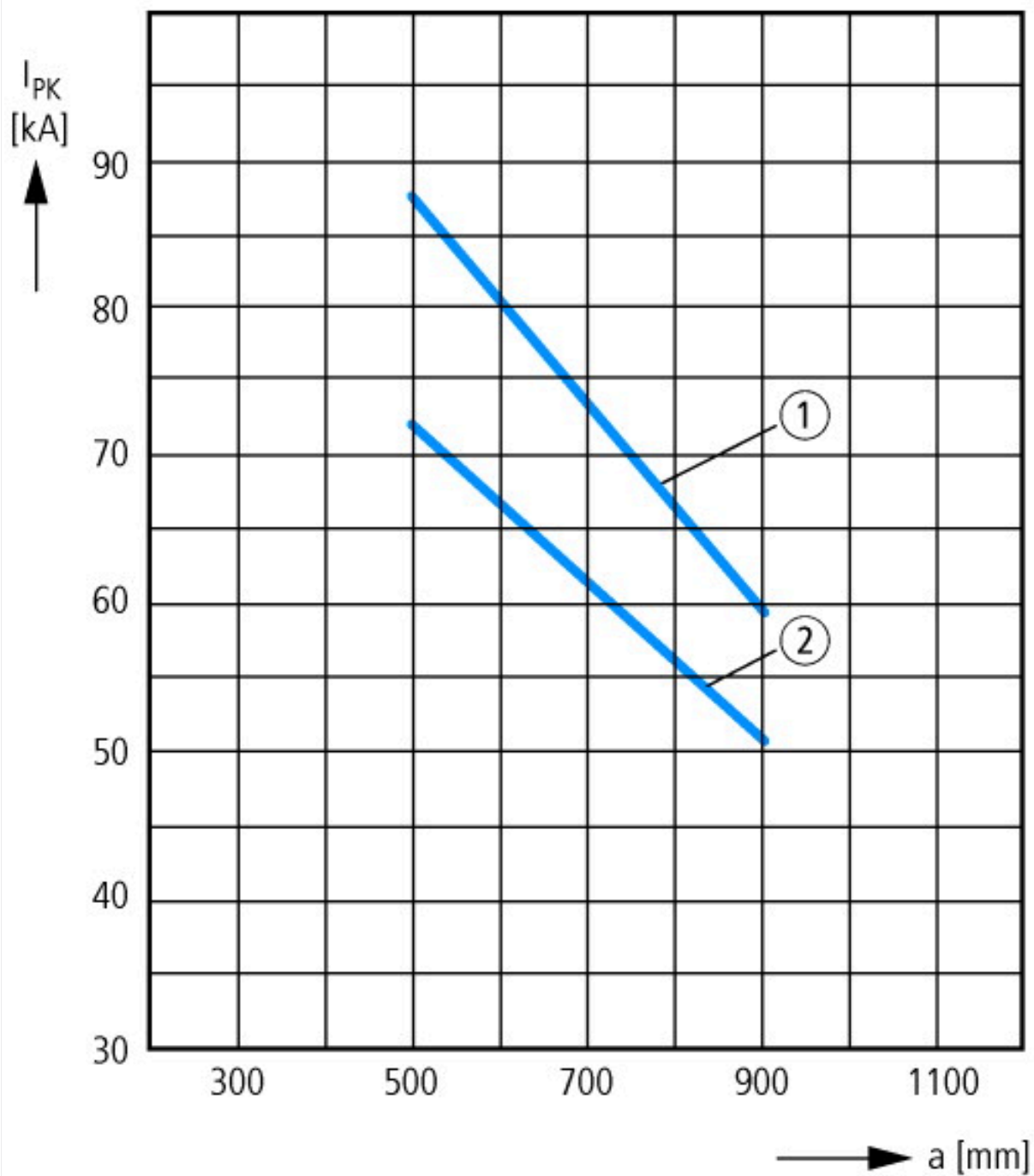
Technical data ETIM 7.0

Energy distribution systems (EG000015) / Busbar support (EC001166)			
Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Energy distribution system / Busbar support (ecl@ss10.0.1-27-40-06-07 [AC0377011])			
Number of poles			3
Max. rated current		A	1600
Busbar distance		mm	60

Approvals

Product Standards			UL508A; CSA-C22.2 No. 14; IEC 60439-1; CE marking
UL File No.			E300273
UL Category Control No.			NMTR, NMTR7
CSA File No.			236217
CSA Class No.			3211-37
North America Certification			UL listed, CSA certified
Conditions of Acceptability			Refer to approbation report
Specially designed for North America			No
Suitable for			Feeder circuits
Current Limiting Circuit-Breaker			Refer to approbation report
Max. Voltage Rating			600 V AC
Degree of Protection			Feeder circuits

Characteristics



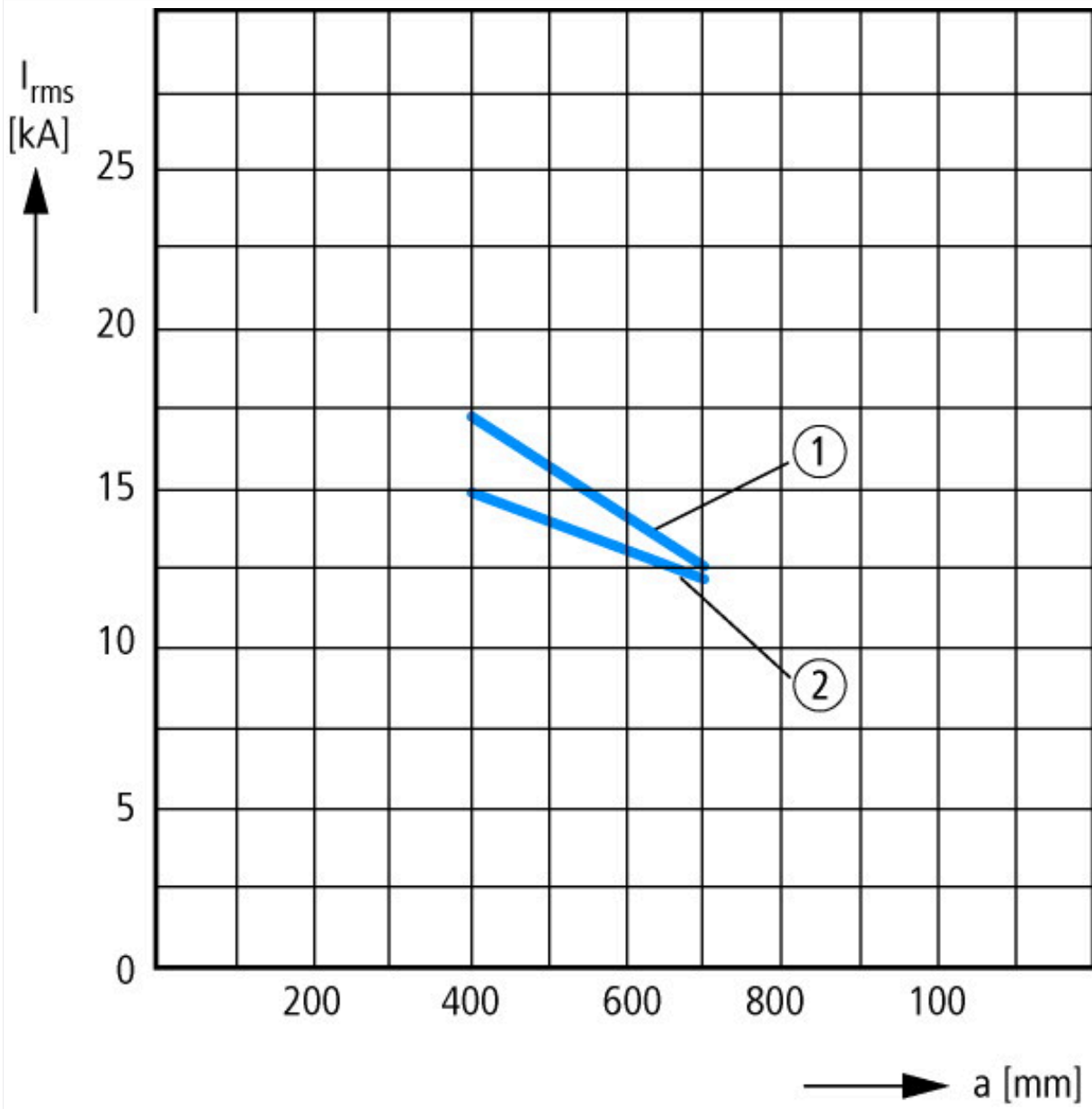
Short-circuit rating to IEC/EN 60439-1

① 720 mm²

② 500 mm²

I_{PK} = Rated peak withstand current

a = Clearance Busbar support



Short-circuit rating to UL 845

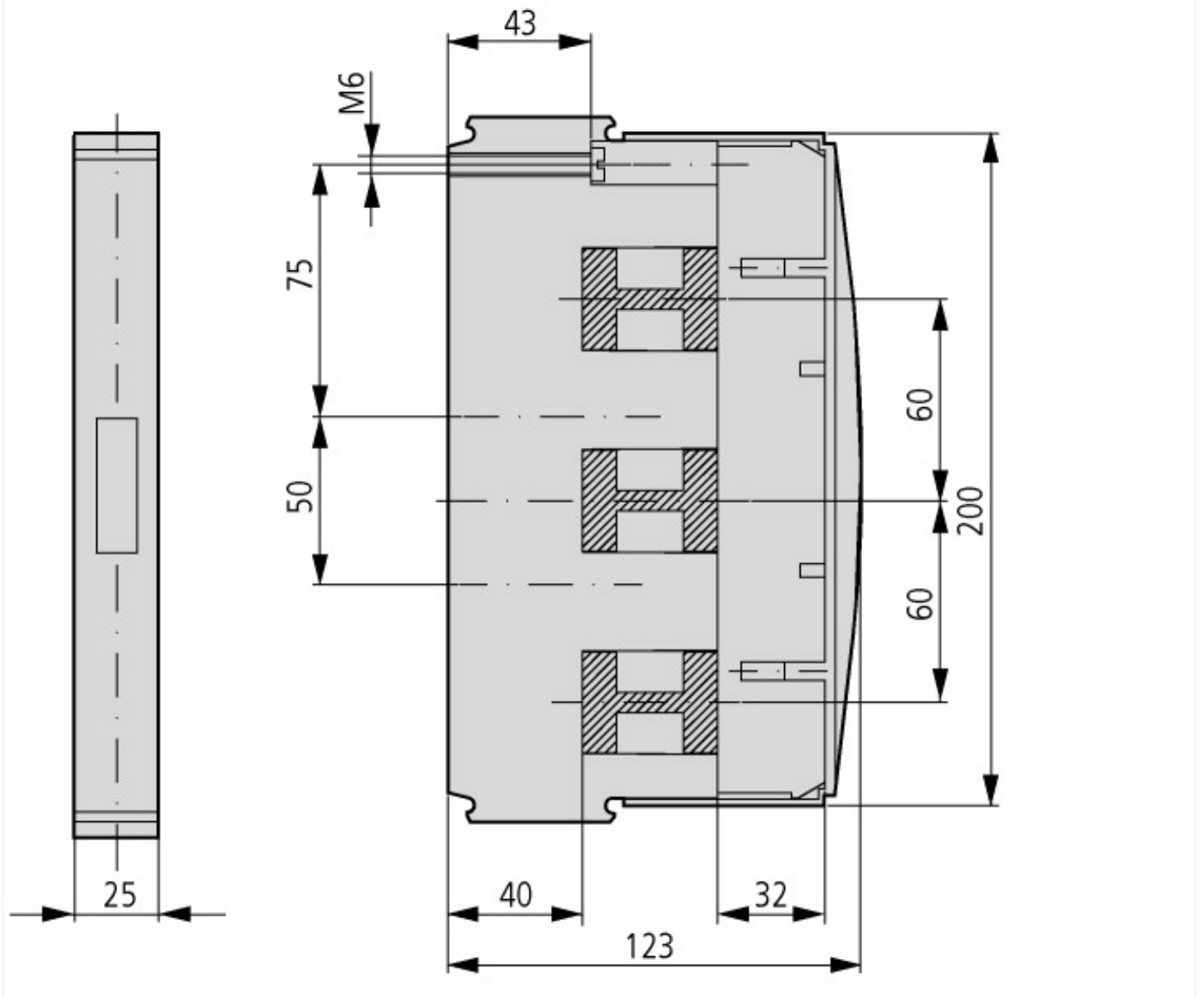
① 500 mm²

② 720 mm²

I_{eff} = impulse current (RMS)

a = spacing of busbar supports

Dimensions



Additional product information (links)

Electrical load	http://ecat.moeller.net/flip-cat/?edition=HPLEN&startpage=16.39
Short-circuit rating	http://ecat.moeller.net/flip-cat/?edition=HPLEN&startpage=16.40