GENERAL CHARACTERISTICS

LINE / SIZE	TR60		TR85H5P				TR85H7P			MP04P		
	40	60	40	70	100	140	50	100 200*	160 320*	60	100	140
Operating current 23°C	40A	60A	40A	70A	100A	140A	50A	100A	160A	60A	100A	140A
Comply with standards	CEI EN 60439-1, CEI EN 60439-2, CEI EN 60695-2-1, CEI EN 60570											
Markings	CE EAC											
Rated operating voltage [Ue]	600Vac											
Frequency	50Hz											
Conditional short circuit withstand current	10 ka											
Fuse rating gG	40A	60A	40A	70A	100A	140A	50A	100A	160A	60A	100A	140A
Protection class CEI EN 60529	IP13 (IP44 with gasket accessories)									IP20		
Flammability resistance:												
UL94	V0											
Cei EN 60695-2-1	960°C											
Ambient Temperature												
operating	-30°C +55°C											
storage	-30°C +70°C											
Max admissible trolley speed	200 m/min^{-1}									400 m/min^{-1}		
ETP Copper strip section [mm^2]	10 10x1	15 10x1,5	9,3 15,5x0,6	15,5 15,5x1	23,25 15,5x1,5	31 15,5x2	10 12,5x0,8	22,5 12,5x1,8	31,25 12,5x2,5	15	24	32
Resistance [Ω/m 10^{-4}]	17	11,33	18,27	10,96	7,83	5,48	17	8,38	5,29	11,33	7,83	5,48
Impendence [Ω/m 10^{-4}]	17,09	11,38	18,36	11,01	7,87	5,55	17,09	8,42	5,36	11,38	7,87	5,55

* The 200A and the 320A are obtained by parallel configuration, so only for 4 poles. The values indicated are referred to the single conductor.

CONDUCTORS BARS WEIGHT TABLE (complete of conductors)

LINE / SIZE	TR60		TR85H5P				TR85H7P			MP04P		
	40	60	40	70	100	140	50	100	160	60	100	140
Weight [kg/m] +/- 50g												
4 poles	1,05	1,25	1,40	1,65	1,95	2,25	-	-	-	1,25	1,54	1,83
5 poles	1,15	1,35	1,50	1,80	2,15	2,55	-	-	-	-	-	-
7 poles	-	-	-	-	-	-	1,70	2,30	3,05	-	-	-

PVC BUSBAR CHARACTERISTICS

MATERIAL	CERTIFICATIONS	RIGID PVC
	UL94	V0
Self-extinguish	DIN 4102	B2
	D.M. 6/7/83	CI
Ultimate tensile strenght	ISO R527 23°C	430 kg/cm^3
Yield point	ISO R527 23°C	460 kg/cm^3
Modulus of elasticity	ISO R178 23°C	30.000 kg/cm^3
Impact resistance	DIN 53453	Unbroken
Dielectric strenght	ASTM 149	25 kv/mm
Softening temperature - Vicat	ISO R306 49N	82°C

NOTES