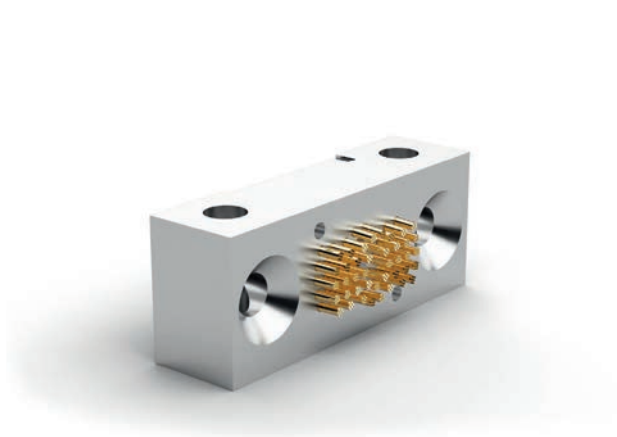


HIGH CURRENT BLOCKS



HCB280

600 A | High Current Block

Electrical specifications

Temperature [°C]	-45°...+200°	
	SENSE	POWER
Current [A]	20	600
R _{TYP} [mOhm]	<10	<0.5

Mechanical specifications

	SENSE	POWER	SENSOR
Preload [cN]	50	7000	70
Spring force [cN] at nt ±20%	300	24500	200
Nominal travel [mm]	4.0	4.0	4.0
Maximum travel [mm]	5.0	5.0	5.0

Materials and plating

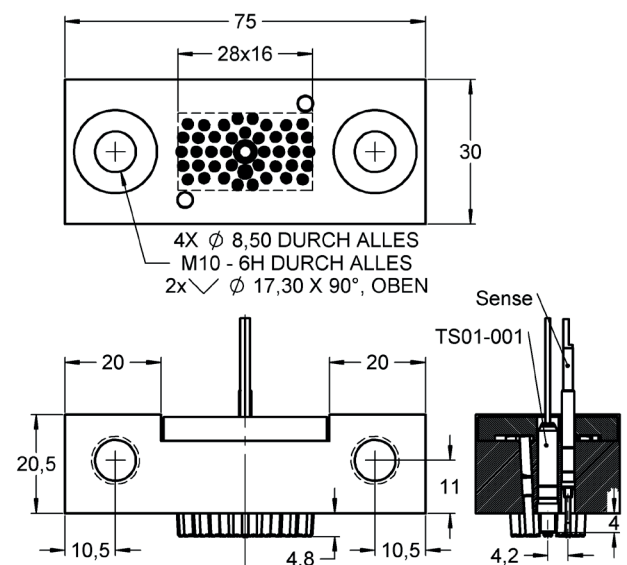
Contact SENSE	BeCu	gold plated
Contact POWER	BeCu	gold plated
Block	Brass	silver plated
Spring SENSE	Stainless steel	unplated
Spring POWER	Stainless steel	unplated

Accessories

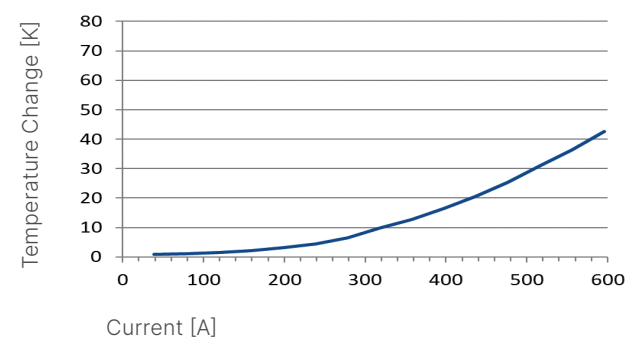
1013790	pneumatic	connection
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Series drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Order code	Product name	Power	Sense 1	Sense 2	Sensor	Cooling	Thread [M]	Version	FM Choice
1033721	HCB280A6ALS245	06		-	-	x	M8 / M10	A	-
1037718	HCB280B6ALS245	06		29	-	x	M8 / M10	B	-
1033727	HCB280D6ALS245PT100	06		29	PT100	x	M8 / M10	D	-
1033726	HCB280D6ALS245PT1000	06		29	PT1000	x	M8 / M10	D	-
1033725	HCB280D6ALS245NTC	06		29	NTC	x	M8 / M10	D	-
1033475	HCB280D6ALS245TYPK	06		29	Typ K	x	M8 / M10	D	-