

Energy efficiency

Current Measurement System



CMS-20xS8



CMS-20xDR



CMS-20xCA

Sensors 25 mm				
Sensor type		CMS-200xx	CMS-201xx	CMS-202xx
Measurement range	[A]	160	80	40
Measurement values		TRMS, AC 50/60 Hz, DC		
Crest factor of distorted wave forms		≤ 1.5	≤ 3	≤ 6
AC Accuracy (TA = +25 °C)*		≤ 0.5 %		
AC Temperature coefficient*		≤ 0.036 %		
DC Accuracy (TA = +25°C)*		≤ 0.7 %	≤ 1.0 %	≤ 1.7 %
DC Temperature coefficient*		≤ 0.047 %	≤ 0.059 %	≤ 0.084 %
Resolution	[A]	0.01		
Sampling rate internal	[Hz]	5000		
Settling time (±1 %)	[sec]	typ. 0.25		
Cable feed through	[mm]	15		
Insulation Voltage	[V]	690 VAC/1500 VDC		
Overall dimensions				
CMS-200S8 series	[mm]	26.5 x 43.0 x 38.5		
CMS-200DR series	[mm]	25.4 x 43.0 x 43.2		
CMS-200CA series	[mm]	25.4 x 43.0 x 35.7		

* of full range

Description	Bbn 7612271	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code			
Sensors 25 mm for S800 installation devices with cage terminals						
160 A	426644	CMS-200S8	2CCA880136R0001		0.028	1
80 A	426651	CMS-201S8	2CCA880137R0001		0.028	1
40 A	426668	CMS-202S8	2CCA880138R0001		0.028	1
Sensors 25 mm for DIN-Rail mounting (universal use)						
160 A	426675	CMS-200DR	2CCA880132R0001		0.030	1
80 A	426682	CMS-201DR	2CCA880133R0001		0.030	1
40 A	426699	CMS-202DR	2CCA880134R0001		0.030	1
Sensors 25 mm for cable mounting (universal use)						
160 A	426705	CMS-200CA	2CCA880117R0001		0.026	1
80 A	426712	CMS-201CA	2CCA880118R0001		0.026	1
40 A	426729	CMS-202CA	2CCA880119R0001		0.026	1

Accessories

Description	Bbn 7612271	Order details		Price 1 piece	Weight 1 piece	Pack unit
	EAN	Type code	Order code			
Flat cable 2 m	419233	CMS-800	2CCA880148R0001		0.017	1
Flat cable 3 m	424428	CMS-801	2CCA880149R0001		0.025	1
Connector set	419240	CMS-820	2CCA880145R0001		0.024	35

Where to find more:

Current Measurement System brochure (code 2CCC481002B0201)

