



AN002

PREFERRED METER TYPES FOR TENANT BILLING AND ENERGY MANAGEMENT SYSTEMS

Table 1 Meter Selection Chart

Supply	Connection	Rating Amps	Mounting	Meter	Approval	Parameters	Notes
Approved for Tenant Billing							
1Φ	direct	32	DIN rail	CG EM10	MID	kWh	
1Φ	direct	100	Surface	Elster A100C	Ofgem	kWh	
3Φ	direct	63	DIN rail	CG EM24DC	MID	kWh	Can be used as 3 single phase meters in one meter
3Φ	direct	100	Surface	Elster A1100	Ofgem	kWh	
3Φ	direct	100	Surface	Iskra MT171DC	Ofgem	kWh	
3Φ	CT	5A	DIN rail	CG EM24CT	MID	kWh	Can be used as 3 single phase meters in one meter
3Φ	CT	5A	Surface	Iskra MT171CT	Ofgem	kWh	
3Φ	CT	5A	Panel	CG WM26	MID	multiple	Expected Q1 2007
Landlord Supplies							
3Φ	direct	100	DIN rail	CG WM22DIN	Class 1	multiple	dual pulse
3Φ	CT	5A	DIN rail	ND PR303	Class 1	kW, kWh	single pulse
3Φ	CT	1V	DIN rail	ND PR303V	Class 1	kW, kWh	includes 3no 1Vrms clamp-round CT's 200A or 800A
3Φ	CT	5A	DIN rail	CG WM2DIN	Class 1	multiple	single pulse
3Φ	CT	5A	Panel	CG WM14 96	Class 1	multiple	single pulse
3Φ	CT	5A	Panel	ND MultiCube3	Class 1	multiple	dual pulse

Table 2 Meter Management Units for DIN-Rail Mounted Meters

Type No	Description	Meter types
MMU1	Enclosure for one rail mount meter	PR303V
MMU1-T	Enclosure for one rail mount meter with CT shorting links	PR303, WM2, WM22, EM10, EM24
MMU1-T-P	Enclosure for one rail mount meter with CT shorting links and voltage test sockets	PR303, WM2, WM22, EM10, EM24
MMU2	Enclosure for two rail mount meters	PR303V x 2 EM24DIN x 2

NOTES:

MID = Measurements Instrument Directive Approval. Ofgem = Ofgem Approval. All meters conform to EN62053-21 and EN62053-23 accuracy class 1 or class 2. All meters have pulse output.