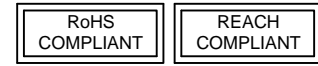


ELECTRICAL SPECIFICATIONS:
 Rated current: 60A
 Max. working voltage: 600VAC RMS
 Dielectric withstanding voltage: 1200VAC min.
 Current interrupting: Certified for current interrupting at full rated current and voltage
 Short circuit withstand rating: Suitable for use on a circuit capable of delivering not more than 10,000 RMS symmetrical amperes at the voltage rating of the receptacle when protected by class "J" (fast acting) fuses with the same rating of the receptacle and 5,000 RMS symmetrical amperes at the voltage rating of the receptacle when protected by class "RK5" time-delayed fuses with the same rating of the receptacle
 Electrical endurance: 6,000 cycles
 Suitable as motor disconnect

MECHANICAL SPECIFICATIONS:
 Impact resistance: In accordance with UL 746C (vertical drop test: energy 6.8J at -40°C)
 Mechanical endurance: 10,000 cycles

ENVIRONMENTAL SPECIFICATIONS:
 Minimum continuous operating temperature: -40°C (maintains impact resistance at -40°C)
 Maximum continuous operating temperature: +60°C
 Nema ratings: Type 3R, 4X, 12K

Ingress protection: IP66, IP67, IP69 according to IEC60529
 UV resistance: All exposed plastic materials are UV stabilized
 Living Building Challenge Red List v3.0 compliant



STANDARDS & CERTIFICATIONS:
 UL Standards: ANSI/UL 60947-1 / 60947-4-1, UL1682, UL1686, UL50, UL746C
 CSA Standards: CAN/CSA-C22.2 No. 60947-1 and No. 60947-4-1
 IEC Standards: IEC 60947-1 / 60947-4-1, IEC60309-1; IEC 60309-2



MATERIALS & PLATING:
 Housing: Glass reinforced polyester, thermosetting material
 UL-94-V0 rated, color Gray
 Gasket: SEBS rubber, 30 Shore A
 Handle: Polycarbonate-Siloxane copolymer -UV stabilized
 Housing closing screws: Stainless steel AISI 316
 Receptacle: Impact modified, flame retarded PBT+PC blend (Valox 357X)
 UL94-5VA and UL-94V-0 classification
 Receptacle cover hinge spring: Stainless steel AISI 302
 Receptacle contacts: Brass
 Receptacle terminal screws: Steel, Nickel plated
 Support base: Fiberglass reinforced PA66, UL94V-0 rated
 Locking mechanism: Fiberglass reinforced PA66, UL94V-0 rated
 LED lens: Polycarbonate, UV stabilized
 Grounding plate: Steel, Zinc plated
 Internal wiring: 6AWG THWN, 600V, 90°C

Configuration	Cat. Nos.	Clock hour position	Amps	Rating	Horse power HP (kW)	Pin & sleeve plug Cat. No.
2 Poles	SCM360M16W-NB	6	60	250	10 (7.5)	360P6W
	3 wires	SCM360M17W-NB		7	480	20 (15)
3P 4W	SCM460M19W-NB	9		3Ø250	15 (11,25)	460P9W
	SCM460M17W-NB	7		3Ø400	30 (22.5)	460P7W
	SCM460M15W-NB	5		3Ø600	40 (30)	460P5W
4P 5W	SCM560M19W-NB	9		3ØY120/208	10 (7.5)	560P9W
	SCM560M17W-NB	7		3ØY277/480	30 (22.5)	560P7W
	SCM560M15W-NB	5		3ØY347/600	40 (30)	560P5W

REV	DATE	CHANGE	CHNG	CHK	APPR
	A	6/9/16	UPDATE STANDARDS	PB	

RESISTANCE TO CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant

CONTACT PDI FOR SPECIFIC SUBSTANCES

TOLERANCE UNLESS OTHERWISE SPECIFIED
 X ± 1
 X.X ± 0.4
 X.XX ± 0.20

DRAWN BY: PB	DATE: 5/1/16
CHECK BY:	DATE:
APPR BY:	DATE:

Power Dynamics, Inc.
 Phone: 973 560-0019 Whippany, New Jersey Fax: 973 560-0076

PART: 60 AMP UNFUSED SWITCHED PIN & SLEEVE MECHANICAL INTERLOCK WITHOUT BASE

SCMX60MIXW-NB

PART #: A
 SIZE: A
 SCALE: NTS

ALL DIMENSIONS FOR REFERENCE ONLY
 DIMENSIONS ARE IN MILLIMETERS

SHEET 1 of 1
 REV: A