

**Features**

- Bolted and terminal block structure, strong adaptability
- Excellent high-temperature working capability
- Compact size, lightweight, high reliability

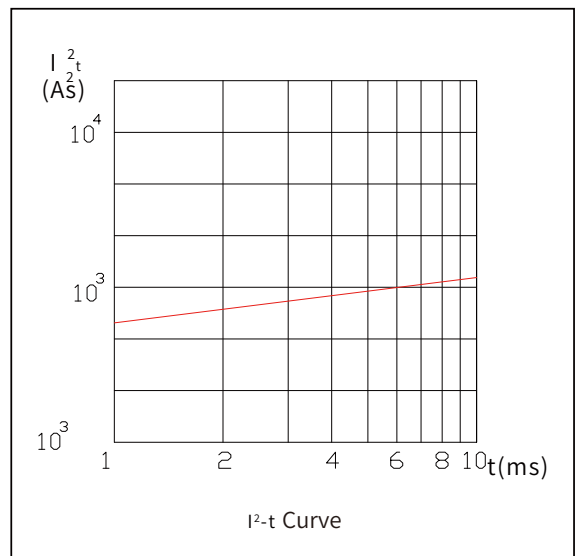
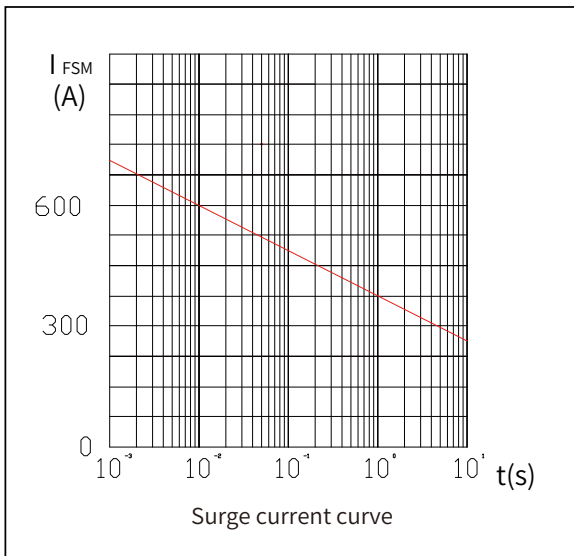


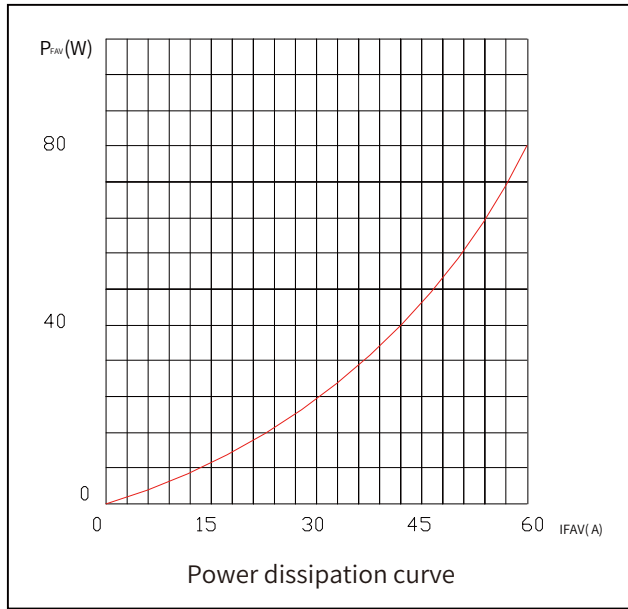
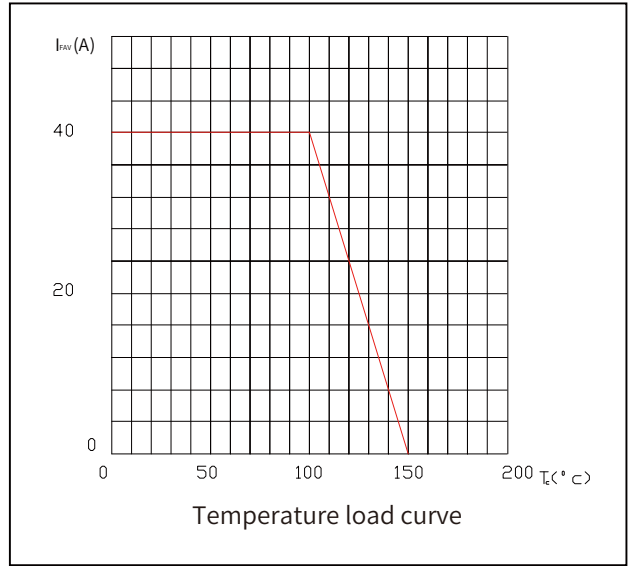
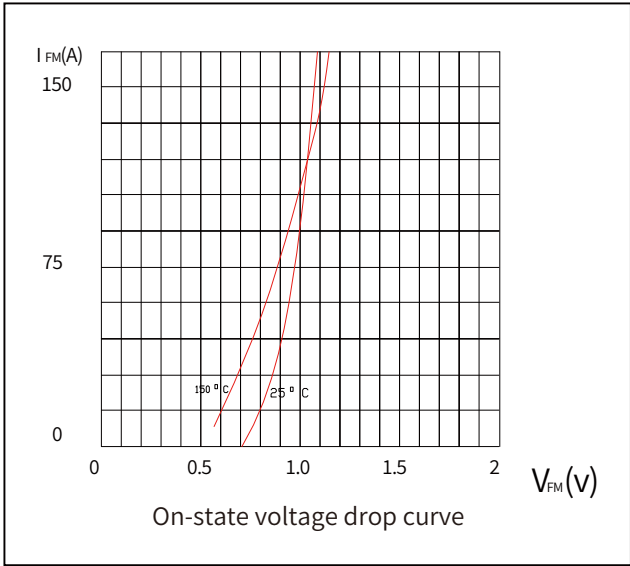
**Applications**

- Backup generator equipment
- Mobile power supply units
- Industrial power equipment

$V_{RSM}(V)$	$V_{RRM}(V)$	Model
1300	1200	ZX40-12

Parameters	Parameter Description	Test Conditions	$T_j(^{\circ}C)$	Values			Unit
				Minimum	Typical	Maximum	
$I_{F(AV)}$	Mean forward voltage	180° Half-sine wave, 50Hz $T_c=100^{\circ}C$	150			40	A
$I_{FSM}$	Non-repetitive On-state Surge Current	10ms, Half-sine wave, $V_R=0.6 V_{RRM}$	150			0.6	KA
$I^2t$						1.8	$A^2s \cdot 10^3$
$I_{RRM}$	Repetitive peak reverse current	At $V_{RRM}$	150			2	mA
$V_{FM}$	Peak forward voltage	$I_{FM}=120A$	25		1.2	1.35	V
$R_{th(j-c)}$	Thermal resistance junction-case					0.72	$^{\circ}C/W$
$M_s$	Mounting Torque			2		3	$N \cdot m$
$T_{stg}$	Storage temperature			-40		150	$^{\circ}C$
An	Withstand centrifugal acceleration	Normal long-term operation	150		1500		g





**Outline package dimensions**

